

All values shown in \$K

Key: BCWS = Budgeted Cost of Work Scheduled      BAC = Budget at Completion  
 BCWP = Budget Cost of Work Performed          LRE = Latest Revised Estimate  
 ACWP = Actual Cost of Work Performed          VAC = Variance at Completion  
 SV = Schedule Variance  
 CV = Cost Variance

WBS	Description	BCWS	BCWP	ACWP	SV	CV	BAC	LRE	VAC
0	Project Level	1,241	329	307	(911)	23	2,809	2,942	(133)
21000	BBSU ESIP	393	165	100	(228)	65	1,181	1,174	7
	BBSU ESIP	393	165	100	(228)	65	1,181	1,174	7
23000	BAWS ESIP	180	110	181	(69)	(71)	551	666	(116)
	BAWS ESIP	180	110	181	(69)	(71)	551	666	(116)
24000	Power Pack ESIP	668	54	25	(614)	29	1,076	1,101	(25)
	Power Pack ESIP	668	54	25	(614)	29	1,076	1,101	(25)
MR	MGT RESERVE	0	0	0	0	0	0	0	0

See Variance Report Below

## Variance Report

### General

Variances reports are required for any efforts when the SV or CV are greater than or equal to -5% variance. The Budget at Complete (BAC) represents the baseline cost applied to the efforts, it does not include any fee negotiated. These numbers will not match the contract values labeled on the EAC tab of this workbook. Actuals for WBS 21000 do not match the monthly report due to accumulating estimated actuals from Battelle associated with this effort in EVM. Once an invoice is received, the actual invoiced amount will be applied to the month incurred, and all estimated actuals will be removed. This is done to assess accurate progress and variances in EVM.

### BBSU ESIP

#### 21000 - Schedule Variance

Recovery effort prioritization is impacting the water tightness ESIP effort, as updated in 121404 QPR. Expect significant efforts will resume in January: Pneumafil is expected to be on contract in January. The planned Hub and Router trade study has been completed and is awaiting GDATP programs review. The recent IA ECP is impacting the Hub and Router task. We are currently preparing an ECP to address the impacts ( due 1/31/05) until resolved and an order is received progress will be minimal.

#### 21000 - Cost Variance

N/R

#### 21000 - Variance at Complete

N/R

### BAWS ESIP

#### 23000 - Schedule Variance

Unschedule events (not budgeted) have been (b)(3)(B) - 10 U.S.C. Section 130

These increased the time required for both the CLAD and the CPU board upgrade redesign efforts.

#### 23000 - Cost Variance

Additional effort required for (b)(3)(B) - 10 U.S.C. Section 130 have impacted the original baseline cost estimate.

#### 23000 - Variance at Complete

Additional effort required for (b)(3)(B) - 10 U.S.C. Section 130 have impacted the original baseline cost estimate. This additional work also impacts the efficiency of the originally scheduled tasks increasing efforts required to complete.

### Power Pack ESIP

#### 24000 - Schedule Variance

Schedule variance is due to the stop work issued by the Government. A new baseline will be established upon agreement regarding the Manportable/Trailer and Ship power pack redesign effort.

#### 24000 - Cost Variance

N/R

#### 24000 - Variance at Complete

N/R

WBS	Description	BCWS	BCWP	ACWP	SV	SV%	SPI	CV	CV%	CPI
0	Project Level	1,690,959	363,231	412,633	(1,327,728)	-78.5%	0.21	(49,402)	-13.6%	0.88
21000	BBSU ESIP	592,411	177,211	113,456	(415,200)	-70.1%	0.30	63,756	36.0%	1.56
	BBSU ESIP	592,411	177,211	113,456	(415,200)	-70.1%	0.30	63,756	36.0%	1.56
23000	BAWS ESIP	270,813	132,197	244,563	(138,615)	-51.2%	0.49	(112,366)	-85.0%	0.54
	BAWS ESIP	270,813	132,197	244,563	(138,615)	-51.2%	0.49	(112,366)	-85.0%	0.54
24000	Power Pack ESIP	827,736	53,822	54,614	(773,913)	-93.5%	0.07	(792)	-1.5%	0.99
	Power Pack ESIP	827,736	53,822	54,614	(773,913)	-93.5%	0.07	(792)	-1.5%	0.99
MR	MGT RESERVE	0	0	0	0			0		

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 SV = Schedule Variance  
 CV = Cost Variance

WBS	Description	BCWS	BCWP	ACWP	SV	CV	BAC	LRE	VAC
0	Project Level	1,691	363	413	(1,328)	(49)	2,809	3,135	(327)
21000	BBSU ESIP	592	177	113	(415)	64	1,181	1,204	(23)
	BBSU ESIP	592	177	113	(415)	64	1,181	1,204	(23)
23000	BAWS ESIP	271	132	245	(139)	(112)	551	710	(159)
	BAWS ESIP	271	132	245	(139)	(112)	551	710	(159)
24000	Power Pack ESIP	828	54	55	(774)	(1)	1,076	1,221	(145)
	Power Pack ESIP	828	54	55	(774)	(1)	1,076	1,221	(145)
MR	MGT RESERVE	0	0	0	0	0	0	0	0

See Variance Report Below

## Variance Report

### General

Variances reports are required for any efforts when the SV or CV are greater than or equal to -5% variance. The Budget at Complete (BAC) represents the baseline cost applied to the efforts, it does not include any fee negotiated. These numbers will not match the contract values labeled on the EAC tab of this workbook. Actuals for WBS 21000 do not match the monthly report due to accumulating estimated actuals from Battelle associated with this effort in EVM. Once an invoice is received, the actual invoiced amount will be applied to the month incurred, and all estimated actuals will be removed. This is done to assess accurate progress and variances in EVM. December actuals have been updated due to the finalization of 2004 rates.

### BBSU ESIP

#### 21000 - Schedule Variance

Recovery effort prioritization is impacting the water tightness ESIP effort, as updated in 121404 QPR. Expect significant efforts will resume in February: Pneumafil is expected to be on contract in February. The planned Hub and Router trade study has been completed and is awaiting GDATP programs review in February. The recent IA ECP is impacting the Hub and Router task. We are currently preparing an ECP to address the impacts ( due 1/31/05) until resolved and an order is received progress will be minimal.

#### 21000 - Cost Variance

N/R

#### 21000 - Variance at Complete

N/R

### BAWS ESIP

#### 23000 - Schedule Variance

Due to other JBPDS activities/tasks taking priority over the ESIP, the schedule has slipped approximately a month from the baseline. Efforts to accelerate testing and incorporation of changes will be made to try and recover some lost time. Being a lower priority task for the last three months has also resulted in inefficient spending (as compared to efficient spending gained via continuity of efforts).

#### 23000 - Cost Variance

Unbudgeted work o

(b)(3)(B) - 10 U.S.C. Section 130

Additional unbudgeted hours have been spent to design and fabricate mounts and other hardware for the (b)(3)(B) - 10 U.S.C. Section 130

#### 23000 - Variance at Complete

The Estimate To Complete (ETC) and associated Estimate At Complete (EAC) are expected to exceed the Budget At Complete (BAC) due to the unbudgeted work. The Variance At Complete (VAC) is estimated to be 615 hours.

(b)(3)(B) - 10 U.S.C. Section 130

**23000 - Corrective Action**

Cost overrun will be mitigated by the elimination (or reduction in scope) of some phase I characterization tests that have been determined to be of lesser value to the health BIT. The engineering team will seek to complete test, design, and implementation within projected EAC.

**Power Pack ESIP**

**24000 - Schedule Variance**

Schedule variance is due to the stop work issued by the Government. A new baseline will be established upon agreement regarding the Manportable/Trailer and Ship power pack redesign effort.

**24000 - Cost Variance**

N/R

**24000 - Variance at Complete**

N/R

BAC	LRE	VAC	VAC %
2,808,680	3,135,381	(326,701)	-11.6%
1,181,408	1,204,032	(22,624)	-1.9%
1,181,408	1,204,032	(22,624)	-1.9%
550,822	710,103	(159,281)	-28.9%
550,822	710,103	(159,281)	-28.9%
1,076,450	1,221,247	(144,797)	-13.5%
1,076,450	1,221,247	(144,797)	-13.5%
0	0	0	

WBS	Description	BCWS	BCWP	ACWP	SV	SV%	SPI	CV	CV%	CPI
0	Project Level	1,690,959	363,231	525,772	(1,327,728)	-78.5%	0.21	(162,541)	-44.7%	0.69
21000	BBSU ESIP	592,411	177,211	139,448	(415,200)	-70.1%	0.30	37,763	21.3%	1.27
	BBSU ESIP	592,411	177,211	139,448	(415,200)	-70.1%	0.30	37,763	21.3%	1.27
23000	BAWS ESIP	270,813	132,197	303,262	(138,615)	-51.2%	0.49	(171,065)	-129.4%	0.44
	BAWS ESIP	270,813	132,197	303,262	(138,615)	-51.2%	0.49	(171,065)	-129.4%	0.44
24000	Power Pack ESIP	827,736	53,822	83,062	(773,913)	-93.5%	0.07	(29,240)	-54.3%	0.65
	Power Pack ESIP	827,736	53,822	83,062	(773,913)	-93.5%	0.07	(29,240)	-54.3%	0.65
MR	MGT RESERVE	0	0	0	0			0		

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 SV = Schedule Variance  
 CV = Cost Variance

WBS	Description	BCWS	BCWP	ACWP	SV	CV	BAC	LRE	VAC
0	Project Level	1,691	363	526	(1,328)	(163)	2,809	3,153	(344)
21000	BBSU ESIP	592	177	139	(415)	38	1,181	1,167	14
	BBSU ESIP	592	177	139	(415)	38	1,181	1,167	14
23000	BAWS ESIP	271	132	303	(139)	(171)	551	713	(163)
	BAWS ESIP	271	132	303	(139)	(171)	551	713	(163)
24000	Power Pack ESIP	828	54	83	(774)	(29)	1,076	1,272	(196)
	Power Pack ESIP	828	54	83	(774)	(29)	1,076	1,272	(196)
MR	MGT RESERVE	0	0	0	0	0	0	0	0

See Variance Report Below

## Variance Report

### General

Variances reports are required for any efforts when the SV or CV are greater than or equal to -5% variance. The Budget at Complete (BAC) represents the baseline cost applied to the efforts, it does not include any fee negotiated. These numbers will not match the contract values labeled on the EAC tab of this workbook. Actuals for WBS 21000 do not match the monthly report due to accumulating estimated actuals from Battelle associated with this effort in EVM. Once an invoice is received, the actual invoiced amount will be applied to the month incurred, and all estimated actuals will be removed. This is done to assess accurate progress and variances in EVM. December actuals have been updated due to the finalization of 2004 rates.

### BBSU ESIP

#### 21000 - Schedule Variance

Recovery effort prioritization is impacting the water tightness ESIP effort, as updated in 121404 QPR. Expect significant efforts will resume in February: Pneumafil is expected to be on contract in February. The planned Hub and Router trade study has been completed and is awaiting GDATP programs review in February. The recent IA ECP is impacting the Hub and Router task. We are currently preparing an ECP to address the impacts ( due 1/31/05) until resolved and an order is received progress will be minimal.

#### 21000 - Cost Variance

N/R

#### 21000 - Variance at Complete

N/R

### BAWS ESIP

#### 23000 - Schedule Variance

Due to other JBPDS activities/tasks taking priority over the ESIP, the schedule has slipped approximately a month from the baseline. Efforts to accelerate testing and incorporation of changes will be made to try and recover some lost time. Being a lower priority task for the last three months has also resulted in inefficient spending (as compared to efficient spending gained via continuity of efforts).

#### 23000 - Cost Variance

Unbudgeted work on the

(b)(3)(B) - 10 U.S.C. Section 130

Additional unbudgeted hours have been spent to design and fabricate mounts and other hardware for the (b)(3)(B) - 10 U.S.C. Section 130

#### 23000 - Variance at Complete

The Estimate To Complete (ETC) and associated Estimate At Complete (EAC) are expected to exceed the Budget At Complete (BAC) due to the unbudgeted work. The Variance At Complete (VAC) is estimated to be 615 hours.

(b)(3)(B) - 10 U.S.C. Section 130

**23000 - Corrective Action**

Cost overrun will be mitigated by the elimination (or reduction in scope) of some phase I characterization tests that have been determined to be of lesser value to the health BIT. The engineering team will seek to complete test, design, and implementation within projected EAC.

**Power Pack ESIP**

**24000 - Schedule Variance**

Schedule variance is due to the stop work issued by the Government. A new baseline will be established upon agreement regarding the Manportable/Trailer and Ship power pack redesign effort.

**24000 - Cost Variance**

N/R

**24000 - Variance at Complete**

N/R

BAC	LRE	VAC	VAC %
2,808,680	3,152,621	(343,941)	-12.2%
1,181,408	1,167,230	14,178	1.2%
1,181,408	1,167,230	14,178	1.2%
550,822	713,414	(162,592)	-29.5%
550,822	713,414	(162,592)	-29.5%
1,076,450	1,271,977	(195,527)	-18.2%
1,076,450	1,271,977	(195,527)	-18.2%
0	0	0	

## Variance Report

### General

Variances reports are required for any efforts when the SV or CV are greater than or equal to -5% variance. If applied to the efforts, it does not include any fee negotiated. These numbers will not match the contract values 21000 do not match the monthly report due to accumulating estimated actuals from Battelle associated with this amount will be applied to the month incurred, and all estimated actuals will be removed. This is done to assess have been updated due to the finalization of 2004 rates.

### BBSU ESIP

#### 21000 - Schedule Variance

Recovery effort prioritization impacted the original water tightness schedule, as updated in 121404 QPR. Pneu completed, we are on track to complete ESIP as budgeted. A recovery schedule has been created and coordin in draft form with PM BD at the April 14, 2005 TIM.

#### 21000 - Cost Variance

N/R

#### 21000 - Variance at Complete

N/R

### BAWS ESIP

#### 23000 - Schedule Variance

Due to other JBPDS activities/tasks taking priority over the ESIP, the schedule has slipped approximately a mo incorporation of changes were unsuccessful due to continuous reprioritization. Schedule variance will not effect in of changes).

#### 23000 - Cost Variance

(b)(3)(B) - 10 U.S.C. Section 130

unbudgeted hours have been spent to design and fabricate mounts and

#### 23000 - Variance at Complete

The Estimate To Complete (ETC) and associated Estimate At Complete (EAC) are expected to exceed the Bu Variance At Complete (VAC) is estimated to be 615 hours. (b)(3)(B) - 10 U.S.C. Section 130

#### 23000 - Corrective Action

Cost overrun will be mitigated by the limited number of hardware changes that will be necessary for completion mitigated through the combination of verification/validation requirements with other ESIPs currently in progress implementation within projected EAC.

### Power Pack ESIP

Power Pack ESIP re-baselined to actuals through March with the ETC based on presentation made to PM-BD

#### 24000 - Schedule Variance

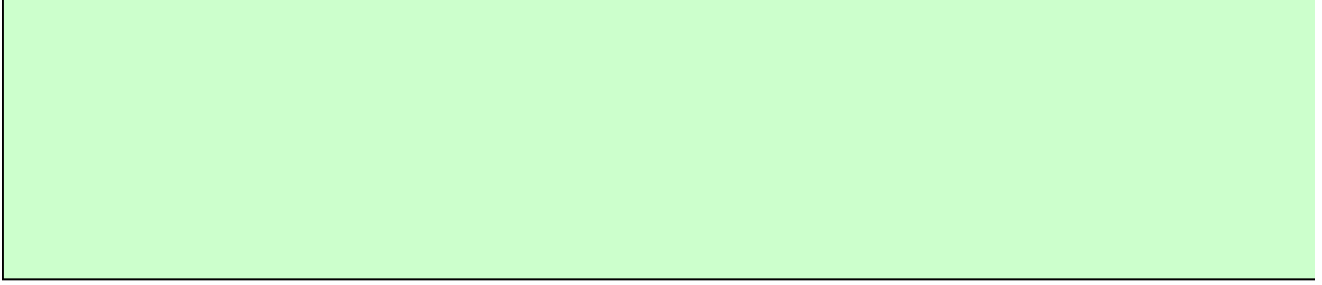
N/R

#### 24000 - Cost Variance

N/R

#### 24000 - Variance at Complete

N/R



The Budget at Complete (BAC) represents the baseline cost  
; labeled on the EAC tab of this workbook. Actuals for WBS  
s effort in EVM. Once an invoice is received, the actual invoiced  
s accurate progress and variances in EVM. December actuals

Imafil has been contracted and conceptual design phase  
ated with the Master Engineering Schedule which was discussed

month from the baseline. Efforts to accelerate testing and  
t the product delivery date previously communicated (October cut-

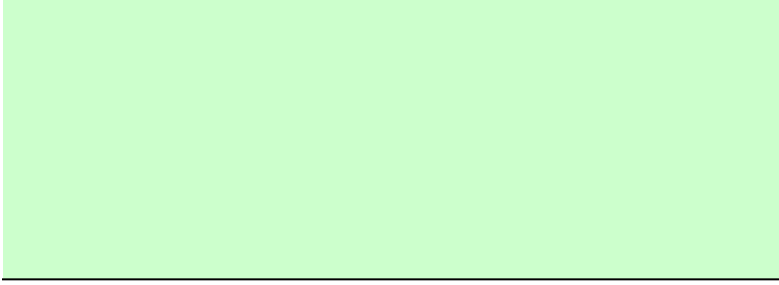
(b)(3)(B) - 10 U.S.C. Section 130

udget At Complete (BAC) due to the unbudgeted work. (b)(3)(A)

(b)(3)(B) - 10 U.S.C. Section 130

, compared to the budgeted hours. Additional cost overrun will be  
. The engineering team will seek to complete test, design, and

on path forward with two suppliers.



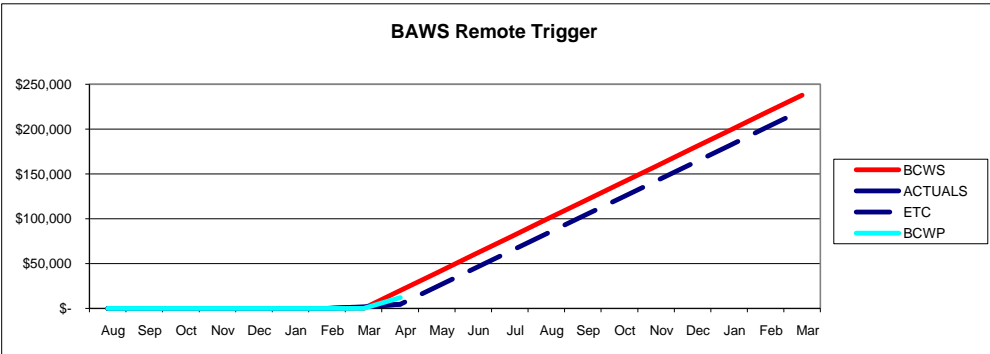
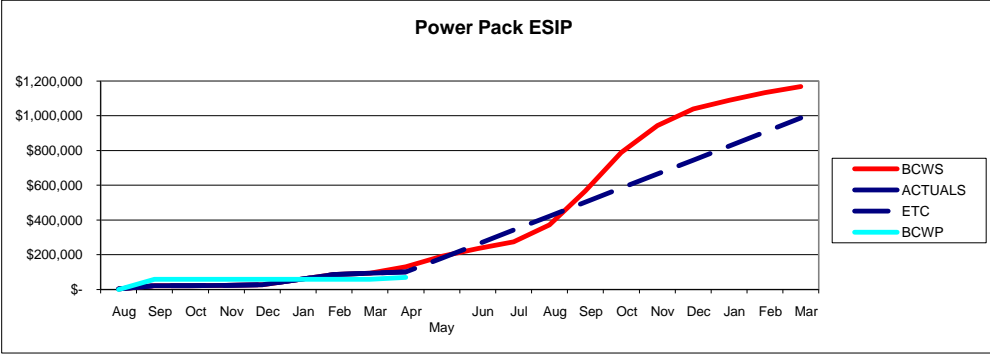
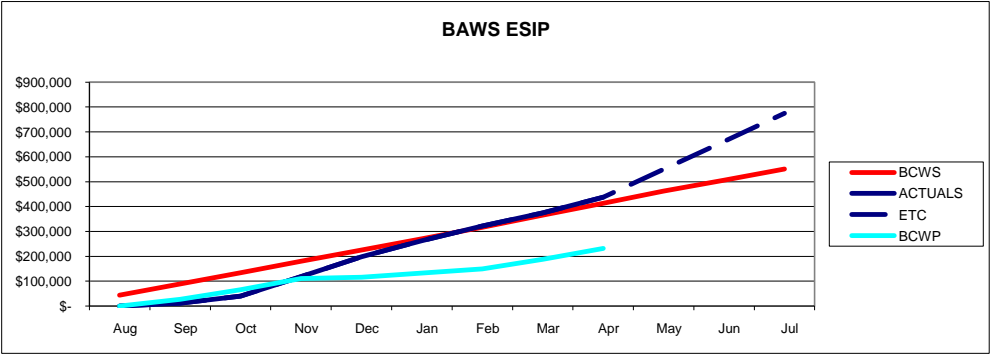
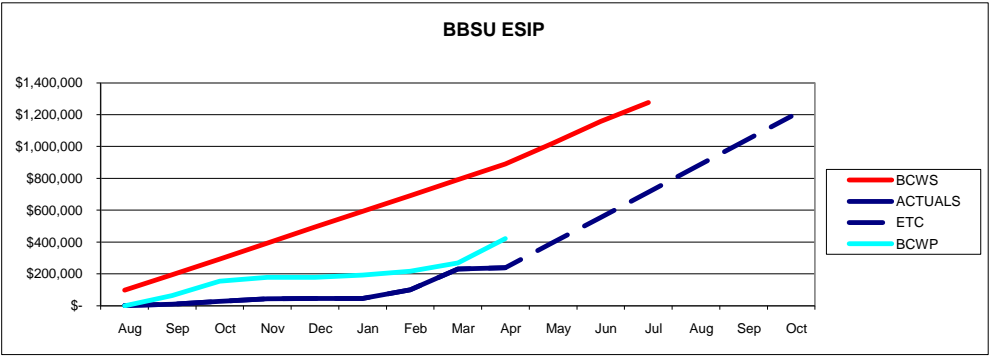
WBS	Description	BCWS	BCWP	ACWP	SV	SV%	SPI	CV	CV%	CPI	BAC	LRE	VAC	VAC %
0	Project Level	1,452,234	769,234	810,096	(683,000)	-47.0%	0.53	(40,862)	-5.3%	0.95	3,235,049	3,188,978	50,564	1.6%
21000	BBSU ESIP	889,697	421,314	268,711	(468,383)	-52.6%	0.47	152,603	36.2%	1.57	1,276,709	1,189,641	87,068	6.8%
	BBSU ESIP	889,697	421,314	268,711	(468,383)	-52.6%	0.47	152,603	36.2%	1.57	1,276,709	1,189,641	87,068	6.8%
23000	BAWS ESIP	413,394	231,345	437,033	(182,049)	-44.0%	0.56	(205,688)	-88.9%	0.53	550,822	774,264	(223,442)	-40.6%
	BAWS ESIP	413,394	231,345	437,033	(182,049)	-44.0%	0.56	(205,688)	-88.9%	0.53	550,822	774,264	(223,442)	-40.6%
24000	Power Pack ESIP	129,301	104,670	99,878	(24,631)	-19.0%	0.81	4,793	4.6%	1.05	1,169,425	986,980	182,445	15.6%
	Power Pack ESIP	129,301	104,670	99,878	(24,631)	-19.0%	0.81	4,793	4.6%	1.05	1,169,425	986,980	182,445	15.6%
15600	BAWS Remote Trigger ESIP	19,841	11,905	4,474	(7,936)	-40.0%	0.60	7,430	62.4%	2.66	238,092	233,598	4,494	1.9%
	BAWS Remote Trigger	19,841	11,905	4,474	(7,936)	-40.0%	0.60	7,430	62.4%	2.66	238,092	233,598	4,494	1.9%
17900	WSLAT Support	0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	310,738	310,593	145	0.0%
	WSLAT Support	0	0	0	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!	310,738	310,593	145	0.0%
MR	MGT RESERVE	0	0	0	0			0			0	0	0	

All values shown in \$K

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 SV = Schedule Variance  
 CV = Cost Variance

WBS	Description	BCWS	BCWP	ACWP	SV	CV	BAC	LRE	VAC
0	Project Level	1,452	769	810	(683)	(41)	3,235	3,189	51
21000	BBSU ESIP	890	421	269	(468)	153	1,277	1,190	87
	BBSU ESIP	890	421	269	(468)	153	1,277	1,190	87
23000	BAWS ESIP	413	231	437	(182)	(206)	551	774	(223)
	BAWS ESIP	413	231	437	(182)	(206)	551	774	(223)
24000	Power Pack ESIP	129	105	100	(25)	5	1,169	987	182
	Power Pack ESIP	129	105	100	(25)	5	1,169	987	182
15600	BAWS Remote Trigger	20	12	4	(8)	7	238	234	4
	BAWS Remote Trigger	20	12	4	(8)	7	238	234	4
MR	MGT RESERVE	0	0	0	0	0	0	0	0

See Variance Report on next tab



## Variance Report

### General

Variances reports are required for any efforts when the SV or CV are greater than or equal to -5% variance. If applied to the efforts, it does not include any fee negotiated. These numbers will not match the contract values 21000 do not match the monthly report due to accumulating estimated actuals from Battelle associated with this amount will be applied to the month incurred, and all estimated actuals will be removed. This is done to assess

### BBSU ESIP

#### 21000 - Schedule Variance

Schedule slip early in the project continues to impact the original schedule. The Preliminary Design review was the March 2006 deliveries communicated to the customer.

#### 21000 - Cost Variance

N/R

#### 21000 - Variance at Complete

The of amount of personnel participating and reviewing BSE ESIP conceptual and preliminary designs as well phase resulting in a slight overrun in the design area.

#### 21000 - Corrective Action

### BAWS ESIP

#### 23000 - Schedule Variance

Due to other JBPDS activities/tasks taking priority over the ESIP, the schedule has slipped approximately a month incorporation of changes were unsuccessful due to continuous reprioritization. Schedule variance will not effect in of changes).

#### 23000 - Cost Variance

Unbudgeted work on the (b)(3)(B) - 10 U.S.C. Section 130

#### 23000 - Variance at Complete

The Estimate To Complete (ETC) and associated Estimate At Complete (EAC) are expected to exceed the Budget Variance At Complete (VAC) is estimated to be 615 hours. (b)(3)(B) - 10 U.S.C. Section 130

#### 23000 - Corrective Action

Efforts have been made to limit testing to minimum set of tests required for engineering evaluation of potential s to TDP will allow us to improve the schedule variance in the May and June reports. Additional cost overrun will verification/validation requirements with other ESIPs currently in progress; failure to combine and/or reduce tes The engineering team will seek to complete test, design, and implementation within projected EAC.

### Power Pack ESIP

#### 24000 - Schedule Variance

The variance is due to unscheduled work required to switch vendors for the Man Portable Power Pack. TDI was on 5/23/05. Some of the schedule variance is due to GDATP not getting TDI on contract in May as projected. completion of the Ship Power Pack Concept Review on 5/26/05.

#### 24000 - Cost Variance

N/R

N/R

**24000 - Variance at Complete**

N/R

**BAWS Remote Trigger**

**15600 - Schedule Variance**

N/R

**15600 - Cost Variance**

N/R

**15600 - Variance at Complete**

Variance due to unbudgeted purchase of wireless network equipment to be used for engineering demonstration

he Budget at Complete (BAC) represents the baseline cost  
s labeled on the EAC tab of this workbook. Actuals for WBS  
s effort in EVM. Once an invoice is received, the actual invoiced  
s accurate progress and variances in EVM.

s conducted on May 26, 2005. The schedule slip will not effect

as the resulting actions was underestimated in the planning

(b)(3)(B) - 10 U.S.C. Section 130

(b)(3)(B) - 10 U.S.C. Section 130

udget At Complete (BAC) due to the unbudgeted work.

(b)(3)(B) - 10 U.S.C. Section 130

solutions. Additional cost savings during incorporation of changes  
be mitigated through the combination and limitation of  
ting requirements will significantly impact Variance at Complete.

as originally selected for the Man Portable Power Pack program  
Some of the schedule variance has been alleviated by the

n to customer on 7/15/05 in Anniston, AL

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### BBSU ESIP

#### 21000 - Schedule Variance

Schedule slip early in the project continues to impact the original schedule. Tremendous effort has been is is b for March 2006 deliveries. Significant progeress has been made, a Concept Design Review was conducted on released with a early June delivery. And, a PDR is scheduled for 5/26/05.

#### 21000 - Cost Variance

N/R

#### 21000 - Variance at Complete

The variance in the ESIP budget is primarily a result of actual hours reported against the ECS design and deve

#### 21000 - Corrective Action

Once the ECS tasks are appropriately transistioned and stasured for progress the variance will reduce.

### BAWS ESIP

#### 23000 - Schedule Variance

Due to change in scope of verification and validation testing, units will not complete verification testing until Jan typical of normal field conditions, yielding uncontrollable time constraints upon the testing schedule. Based on January completion date of verification and validation testing is anticipated. Additional verification and validator

#### 23000 - Cost Variance

Unbudgeted work on the Field Programmable Gate Array (FPGA) within the Biosensor CCA, the design of the verification and validation testing have effected cost variance. All known issues and scope changes have been

#### 23000 - Variance at Complete

The Estimate To Complete (ETC) and associated Estimate At Complete (EAC) have exceeded the initial Budget At Complete (VAC) is estimated to be 3885 hours. (b)(3)(B) - 10 U.S.C. Section 130

#### 23000 - Corrective Action

GDATP has requested additional funds to complete all of the required engineering work; GDATP CHOPS engir

### Power Pack ESIP

#### 24000 - Schedule Variance

The variance is due to unscheduled work required to switch vendors for the Man Portable Power Pack. TDI wa on 5/23/05. A rebid was conducted after TDI did not approve the contract defined in the original bid process supplier on 7/5/05. Some of the schedule variance has been alleviated by the completion of the Ship Power P Power Pack Preliminary Design Review on 6/24/05. The schedule for the Concept Review for the MP power p Concept Review should be held in late August.

#### 24000 - Cost Variance

N/R

N/R

**24000 - Variance at Complete**

The variance is due to getting a late start on the program, having to go through a re quoting process and change

**BAWS Remote Trigger**

**15600 - Schedule Variance**

N/R

**15600 - Cost Variance**

N/R

**15600 - Variance at Complete**

Variance due to unbudgeted purchase of wireless network equipment to be used for engineering demonstration

**WSLAT Support**

**17900 - Schedule Variance**

N/R

**17900 - Cost Variance**

N/R

**17900 - Variance at Complete**

**BAWS Autovalve ESIP**

**XXXXX - Schedule Variance**

N/R

**XXXXX - Cost Variance**

N/R

**XXXXX - Variance at Complete**



The Budget at Complete (BAC) represents the baseline cost  
is labeled on the EAC tab of this workbook. Actuals for WBS  
is effort in EVM. Once an invoice is received, the actual invoiced  
is accurate progress and variances in EVM.

being expended to accelerate the design to insure implementation  
on March 30, 2005, a purchase order for the BSE prototype has

development tasks for which no progress has been taken.

January 2006. Major driver of this testing is degradation runs that are  
previous data of 300 hours operation prior to 50% degradation, a  
new testing, is expected to be completed by early November.

**(b)(3)(B) - 10 U.S.C. Section 130**

at At Complete (BAC) due to the unbudgeted work.

(b)(3)(B) - 10 U.S.C. Section 130

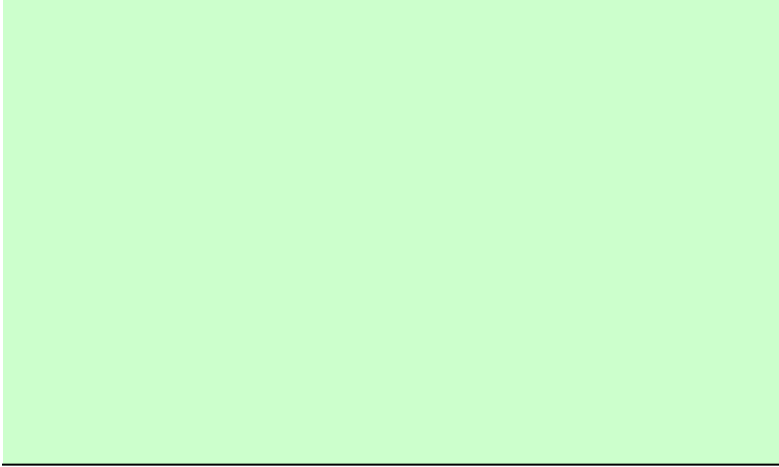
(b)(3)(B) - 10 U.S.C. Section 130

neering will deliver all testing within the newly requested budget.

as originally selected for the Man Portable Power Pack program  
. Pivotal Power was selected as the Man Portable Power Pack  
'ack Concept Review on 5/26/05 and the completion of the Ship  
ack is due from Pivotal Power on 7/13/05. The MP Power Pack

es made to the costs from Pivotal Power.

n to customer on 7/15/05 in Anniston, AL



(b) (6)

WBS	Description	BCWS	BCWP	ACWP	SV	SV%	SPI	CV	CV%	CPI	BAC	LRE	VAC	VAC %
0	Project Level	2,180,380	1,315,498	1,392,475	(864,882)	-39.7%	0.60	(76,976)	-5.9%	0.94	3,377,127	4,453,231	(1,103,171)	-32.7%
21000	BBSU ESIP	1,276,709	624,267	463,986	(652,443)	-51.1%	0.49	160,281	25.7%	1.35	1,418,788	1,408,692	10,095	0.7%
	BBSU ESIP	1,276,709	624,267	463,986	(652,443)	-51.1%	0.49	160,281	25.7%	1.35	1,418,788	1,408,692	10,095	0.7%
23000	BAWS ESIP	550,822	347,018	698,011	(203,804)	-37.0%	0.63	(350,993)	-101.1%	0.50	550,822	1,206,288	(655,465)	-119.0%
	BAWS ESIP	550,822	347,018	698,011	(203,804)	-37.0%	0.63	(350,993)	-101.1%	0.50	550,822	1,206,288	(655,465)	-119.0%
24000	Power Pack ESIP	273,485	189,454	192,692	(84,031)	-30.7%	0.69	(3,239)	-1.7%	0.98	1,169,425	1,600,159	(430,734)	-36.8%
	Power Pack ES P	273,485	189,454	192,692	(84,031)	-30.7%	0.69	(3,239)	-1.7%	0.98	1,169,425	1,600,159	(430,734)	-36.8%
15600	BAWS Remote Trigger ESIP	79,364	154,760	37,785	75,396	95.0%	1.95	116,975	75.6%	4.10	238,092	265,159	(27,067)	-11.4%
	BAWS Remote Trigger	79,364	154,760	37,785	75,396	95.0%	1.95	116,975	75.6%	4.10	238,092	265,159	(27,067)	-11.4%
17900	WSLAT Support	0	0	4,765	0	#DIV/0!	#DIV/0!	(4,765)	#DIV/0!	0.00	310,738	310,593	145	0.0%
	WSLAT Support	0	0	4,765	0	#DIV/0!	#DIV/0!	(4,765)	#DIV/0!	0.00	310,738	310,593	145	0.0%
XXXXX	BAWS Autovalve ESIP	0	0	6,956	0	#DIV/0!	#DIV/0!	(6,956)	#DIV/0!	0.00	240,849	213,209	27,640	11.5%
	BAWS Autovalve ESIP	0	0	6,956	0	#DIV/0!	#DIV/0!	(6,956)	#DIV/0!	0.00	240,849	213,209	27,640	11.5%
MR	MGT RESERVE	0	0	0	0			0			0	0	0	

All values shown in \$K

Key BCWS = Budgeted Cost of Work Scheduled BAC = Budget at Completion  
 BCWP = Budget Cost of Work Performed LRE = Latest Revised Estimate  
 ACWP = Actual Cost of Work Performed VAC = Variance at Completion  
 SV = Schedule Variance  
 CV = Cost Variance

WBS	Description	BCWS	BCWP	ACWP	SV	CV	BAC	LRE	VAC
0	Project Level	2,180	1,315	1,392	(865)	(77)	3,377	4,453	(1,103)
21000	BBSU ESIP	1,277	624	464	(652)	160	1,419	1,409	10
	BBSU ESIP	1,277	624	464	(652)	160	1,419	1,409	10
23000	BAWS ESIP	551	347	698	(204)	(351)	551	1,206	(655)
	BAWS ESIP	551	347	698	(204)	(351)	551	1,206	(655)
24000	Power Pack ESIP	273	189	193	(84)	(3)	1,169	1,600	(431)
	Power Pack ES P	273	189	193	(84)	(3)	1,169	1,600	(431)
15600	BAWS Remote Trigger	79	155	38	75	117	238	265	(27)
	BAWS Remote Trigger	79	155	38	75	117	238	265	(27)
17900	WSLAT Support	0	0	5	0	(5)	311	311	0
	WSLAT Support	0	0	5	0	(5)	311	311	0
XXXXX	BAWS Autovalve ESIP	0	0	7	0	(7)	241	213	28
	BAWS Autovalve ESIP	0	0	7	0	(7)	241	213	28
MR	MGT RESERVE	0	0	0	0	0	0	0	0

See Variance Report on next tab

(b) (6)

## JBPDS August 2005 Quarterly Progra

### Change History

Version	Date
1.0	12/7/2004
2.0	12/9/2004
3.0	1/12/2005
4.0	2/15/2005
5.0	3/24/2005
6.0	4/15/2005
7.0	5/15/2005
8.0	6/15/2005
9.0	7/15/2005
10.0	8/15/2005
11.0	10/21/2005

This document contains the foll

1. "Read Me" containing change
2. Earned Value Management A
3. The EAC for each awarded E

### Points of Contact

(b) (6)

## m Review Outline & Assignments

Change (Author of Change)
Initial draft with EVM through November 2004
Updated for inclusion of actuals received from Battelle for the LCS/ECS portion of 21000 (M. Bryce)
Updated for December Actuals and new ETCs, added variance reporting (b) (6)
Updated for January Actuals and new ETCs
Updated for February Actuals and new ETCs
Updated for March Actuals and new ETCs & the addition of task 25000
Updated for April Actuals and new ETCs, Adjusted Power Pack BCWS for vendor payments later in the year (b) (6) & Add WSLAT Support Task
Updated for May Actuals
Updated for June Actuals and new ETCs, added BAWS Autovalve ESIP & EMI award
Updated for July Actuals and new ETCs
Updated for August Actuals and new ETCs

owing information:

› record, document description and point of contact information

analysis for the three awarded ESIPs

SIP

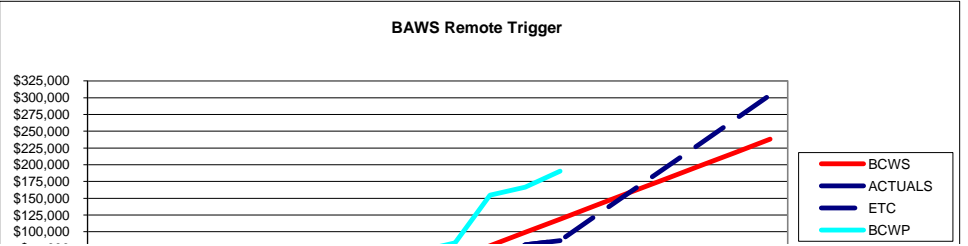
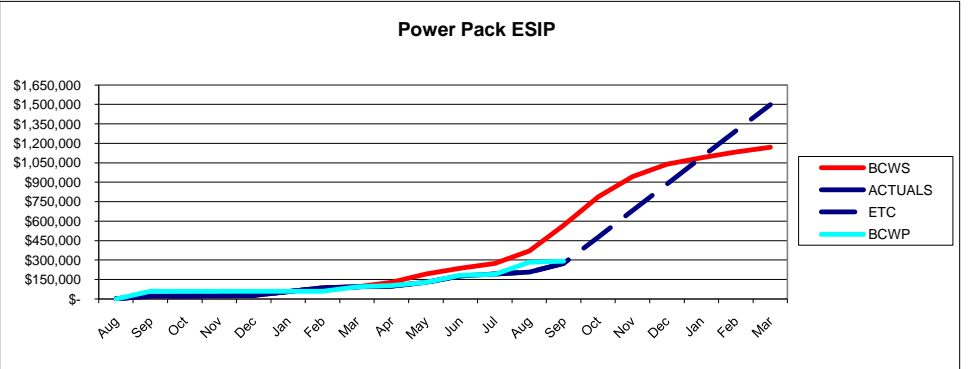
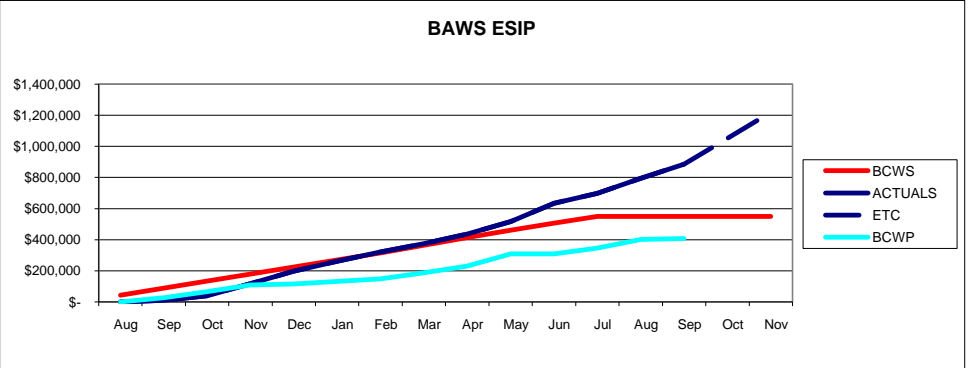
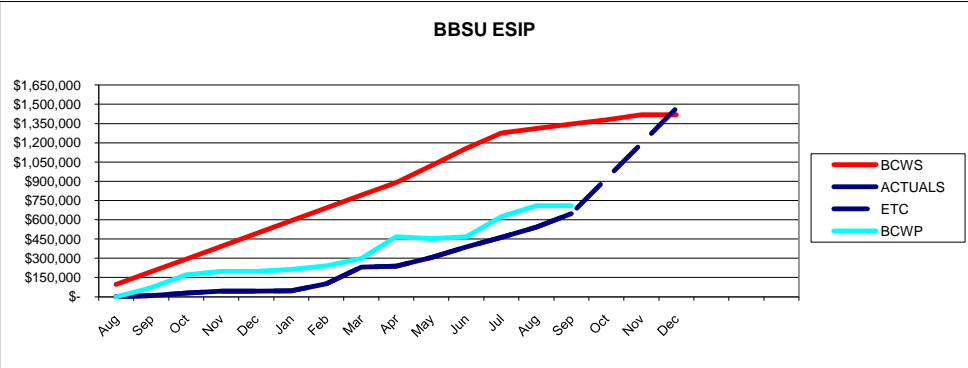
WBS	Description	BCWS	BCWP	ACWP	SV	SV%	SPI	CV	CV%	CPI	BAC	LRE	VAC	VAC %
	Project Level	2,582,018	1,599,605	1,941,106	(982,413)	-38.0%	0.62	(341,501)	-21.3%	0.82	3,928,713	5,025,566	(1,096,853)	-27.9%
21000	BBSU ESIP	1,345,540	709,394	647,159	(636,146)	-47.3%	0.53	62,235	8.8%	1.10	1,418,788	1,468,542	(49,754)	-3.5%
	BBSU ESIP	1,345,540	709,394	647,159	(636,146)	-47.3%	0.53	62,235	8.8%	1.10	1,418,788	1,468,542	(49,754)	-3.5%
23000	BAWS ESIP	550,822	407,608	884,765	(143,214)	-26.0%	0.74	(477,156)	-117.1%	0.46	550,822	1,217,467	(666,645)	-121.0%
	BAWS ESIP	550,822	407,608	884,765	(143,214)	-26.0%	0.74	(477,156)	-117.1%	0.46	550,822	1,217,467	(666,645)	-121.0%
24000	Power Pack ESIP	566,610	292,129	272,862	(274,481)	-48.4%	0.52	19,268	6.6%	1.07	1,169,425	1,499,202	(329,777)	-28.2%
	Power Pack ES P	566,610	292,129	272,862	(274,481)	-48.4%	0.52	19,268	6.6%	1.07	1,169,425	1,499,202	(329,777)	-28.2%
15600	BAWS Remote Trigger ESIP	119,046	190,474	86,797	71,428	60.0%	1.60	103,677	54.4%	2.19	238,092	304,010	(65,918)	-27.7%
	BAWS Remote Trigger	119,046	190,474	86,797	71,428	60.0%	1.60	103,677	54.4%	2.19	238,092	304,010	(65,918)	-27.7%
17900	WSLAT Support	0	0	11,697	0	#DIV/0	#DIV/0	(11,697)	#DIV/0	0.00	310,738	310,593	145	0.0%
	WSLAT Support	0	0	11,697	0	#DIV/0!	#DIV/0!	(11,697)	#DIV/0!	0.00	310,738	310,593	145	0.0%
XXXXX	BAWS Autovalve ESIP	0	0	37,827	0	#DIV/0	#DIV/0	(37,827)	#DIV/0	0.00	240,849	225,753	15,096	6.3%
	BAWS Autovalve ESIP	0	0	37,827	0	#DIV/0!	#DIV/0!	(37,827)	#DIV/0!	0.00	240,849	225,753	15,096	6.3%
MR	MGT RESERVE	0	0	0	0			0			0	0	0	

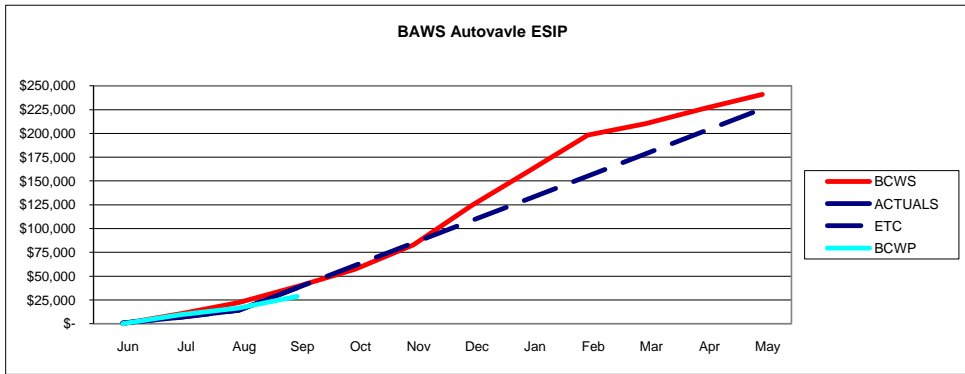
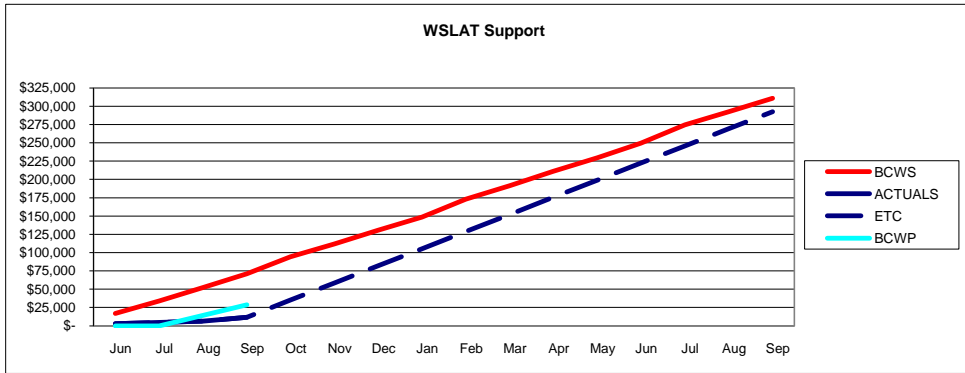
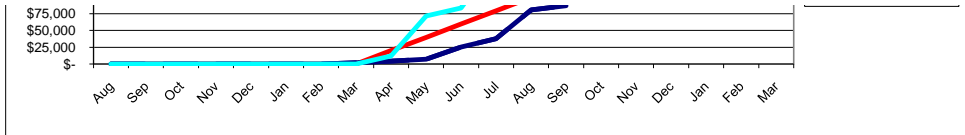
All values shown in \$K

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 BCWP = Budget Cost of Work Performed LRE = Latest Revised Estimate  
 ACWP = Actual Cost of Work Performed VAC = Variance at Completion  
 SV = Schedule Variance  
 CV = Cost Variance

WBS	Description	BCWS	BCWP	ACWP	SV	CV	BAC	LRE	VAC
0	Project Level	2,582	1,600	1,941	(982)	(342)	3,929	5,026	(1,097)
21000	BBSU ESIP	1,346	709	647	(636)	62	1,419	1,469	(50)
	BBSU ESIP	1,346	709	647	(636)	62	1,419	1,469	(50)
23000	BAWS ESIP	551	408	885	(143)	(477)	551	1,217	(667)
	BAWS ESIP	551	408	885	(143)	(477)	551	1,217	(667)
24000	Power Pack ESIP	567	292	273	(274)	19	1,169	1,499	(330)
	Power Pack ES P	567	292	273	(274)	19	1,169	1,499	(330)
15600	BAWS Remote Trigger	119	190	87	71	104	238	304	(66)
	BAWS Remote Trigger	119	190	87	71	104	238	304	(66)
17900	WSLAT Support	0	0	12	0	(12)	311	311	0
	WSLAT Support	0	0	12	0	(12)	311	311	0
XXXXX	BAWS Autovalve ESIP	0	0	38	0	(38)	241	226	15
	BAWS Autovalve ESIP	0	0	38	0	(38)	241	226	15
MR	MGT RESERVE	0	0	0	0	0	0	0	0

See Variance Report on next tab





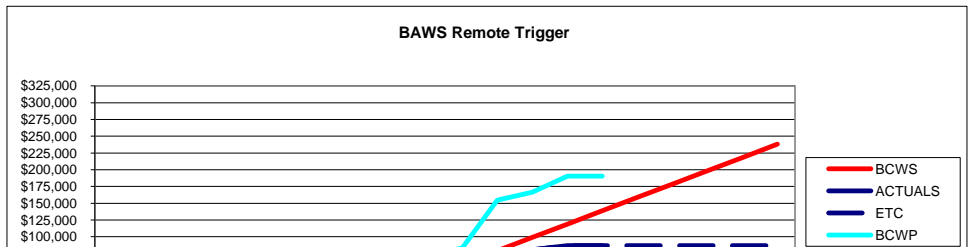
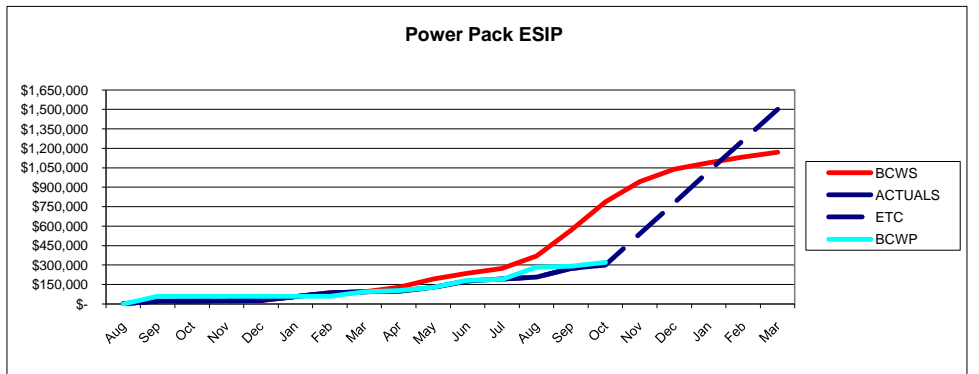
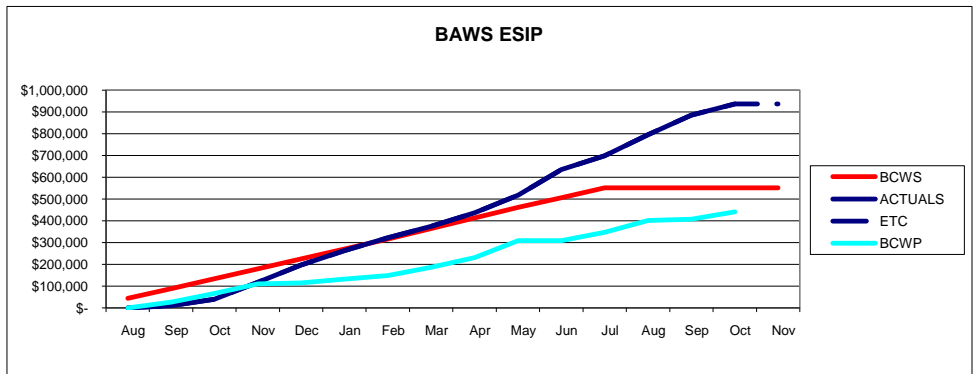
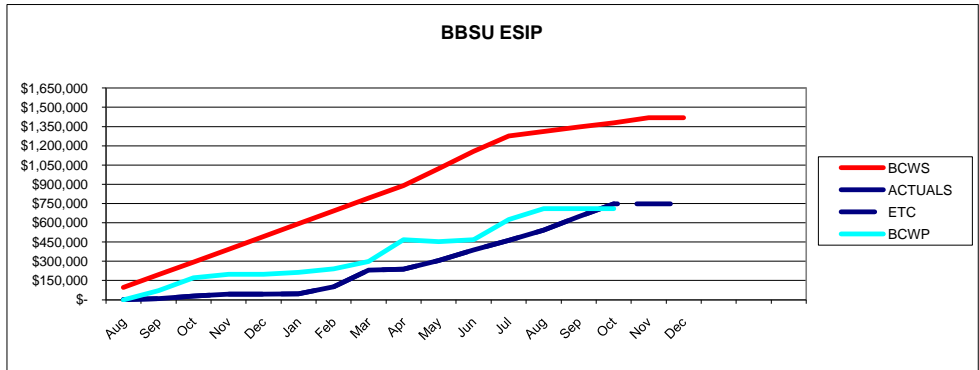
WBS	Description	BCWS	BCWP	ACWP	SV	SV%	SPI	CV	CV%	CPI	BAC	LRE	VAC	VAC %
	Project Level	3,008,790	1,810,592	2,153,786	(1,198,199)	-39.8%	0.60	(343,194)	-19.0%	0.84	3,928,713	4,537,925	(609,212)	-15.5%
21000	BBSU ESIP	1,379,357	709,394	747,818	(669,963)	-48.6%	0.51	(38,424)	-5.4%	0.95	1,418,788	976,950	441,838	31.1%
	BBSU ESIP	1,379,357	709,394	747,818	(669,963)	-48.6%	0.51	(38,424)	-5.4%	0.95	1,418,788	976,950	441,838	31.1%
23000	BAWS ESIP	550,822	440,658	935,952	(110,164)	-20.0%	0.80	(495,295)	-112.4%	0.47	550,822	1,223,227	(672,405)	-122.1%
	BAWS ESIP	550,822	440,658	935,952	(110,164)	-20.0%	0.80	(495,295)	-112.4%	0.47	550,822	1,223,227	(672,405)	-122.1%
24000	Power Pack ESIP	788,376	320,663	300,596	(467,713)	-59.3%	0.41	20,068	6.3%	1.07	1,169,425	1,501,318	(331,893)	-28.4%
	Power Pack ESIP	788,376	320,663	300,596	(467,713)	-59.3%	0.41	20,068	6.3%	1.07	1,169,425	1,501,318	(331,893)	-28.4%
15600	BAWS Remote Trigger ESIP	138,887	190,474	87,000	51,587	37.1%	1.37	103,474	54.3%	2.19	238,092	304,213	(66,121)	-27.8%
	BAWS Remote Trigger	138,887	190,474	87,000	51,587	37.1%	1.37	103,474	54.3%	2.19	238,092	304,213	(66,121)	-27.8%
17900	WSLAT Support	94,161	94,008	14,052	(153)	-0.2%	1.00	79,956	85.1%	6.69	310,738	298,896	11,842	3.8%
	WSLAT Support	94,161	94,008	14,052	(153)	-0.2%	1.00	79,956	85.1%	6.69	310,738	298,896	11,842	3.8%
22000	BAWS Autovalve ESIP	57,186	55,395	68,368	(1,791)	-3.1%	0.97	(12,973)	-23.4%	0.81	240,849	233,322	7,527	3.1%
	BAWS Autovalve ESIP	57,186	55,395	68,368	(1,791)	-3.1%	0.97	(12,973)	-23.4%	0.81	240,849	233,322	7,527	3.1%
MR	MGT RESERVE	0	0	0	0			0			0	0	0	

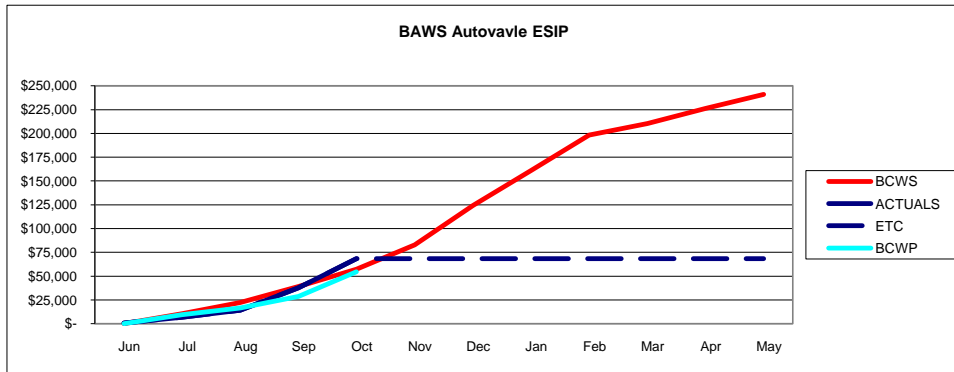
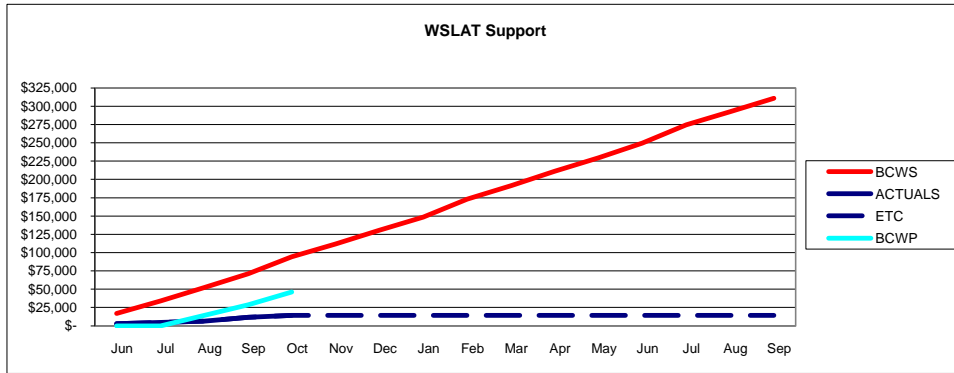
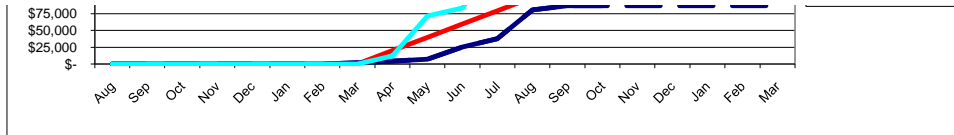
All values shown in \$K

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 ACWP = Actual Cost of Work Performed      VAC = Variance at Completion  
 SV = Schedule Variance  
 CV = Cost Variance

WBS	Description	BCWS	BCWP	ACWP	SV	CV	BAC	LRE	VAC
0	Project Level	3,009	1,811	2,154	(1,198)	(343)	3,929	4,538	(609)
21000	BBSU ESIP	1,379	709	748	(670)	(38)	1,419	977	442
	BBSU ESIP	1,379	709	748	(670)	(38)	1,419	977	442
23000	BAWS ESIP	551	441	936	(110)	(495)	551	1,223	(672)
	BAWS ESIP	551	441	936	(110)	(495)	551	1,223	(672)
24000	Power Pack ESIP	788	321	301	(468)	20	1,169	1,501	(332)
	Power Pack ESIP	788	321	301	(468)	20	1,169	1,501	(332)
15600	BAWS Remote Trigger	139	190	87	52	103	238	304	(66)
	BAWS Remote Trigger	139	190	87	52	103	238	304	(66)
17900	WSLAT Support	94	94	14	(0)	80	311	299	12
	WSLAT Support	94	94	14	(0)	80	311	299	12
22000	BAWS Autovalve ESIP	57	55	68	(2)	(13)	241	233	8
	BAWS Autovalve ESIP	57	55	68	(2)	(13)	241	233	8
MR	MGT RESERVE	0	0	0	0	0	0	0	0

See Variance Report on next tab





REPORTS DUE

SV	CV	VAC
(b) (6)	X	
(b) (6)	X	X
(b) (6)		X
(b) (6)		X
(b) (6)		
(b) (6)	X	

**JBPDS Novmeber 2005 Quarterly Pro**

**Change History**

Version	Date
1.0	12/7/2004
2.0	12/9/2004
3.0	1/12/2005
4.0	2/15/2005
5.0	3/24/2005
6.0	4/15/2005
7.0	5/15/2005
8.0	6/15/2005
9.0	7/15/2005
10.0	8/15/2005
11.0	10/21/2005
12.0	10/27/2005
13.0	11/14/2005
14.0	1/16/2006

This document contains the foll

1. "Read Me" containing change
2. Earned Value Management A
3. The EAC for each awarded E

Po

**(b) (6)**

## gram Review Outline & Assignments

Change (Author of Change)
Initial draft with EVM through November 2004
Updated for inclusion of actuals received from Battelle for the LCS/ECS portion of 21000 (b) (6)
Updated for December Actuals and new ETCs, added variance reporting (b) (6)
Updated for January Actuals and new ETCs
Updated for February Actuals and new ETCs
Updated for March Actuals and new ETCs & the addition of task 25000
Updated for April Actuals and new ETCs, Adjusted Power Pack BCWS for vendor payments later in the year (b) (6) & Add WSLAT Support Task
Updated for May Actuals
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Updated for July Actuals and new ETCs
Updated for August Actuals and new ETCs
Updated for September Actuals and new ETCs
Updated for October Actuals and new ETCs
Updated for November Actuals and new ETCs

owing information:

record, document description and point of contact information

analysis for the six awarded ESIPs

SIP

**COST/SCHEDULE STATUS REPORT**

<b>CONTRACTOR</b> General Dynamics Armament and Technical Products LOCATION: Charlotte, NC		<b>CONTRACT</b> a. NAME: JBPDS b. NUMBER: W911SR-04-C-0017 c. TYPE: CPFF		<b>REPORT PERIOD</b> FEB-06
<b>AUTHORIZED CONTRACTOR REPRESENTATIVE</b> a. NAME (b) (6)		b. TITLE (b) (6)		c. DATE SUBMITTED March 15,2006

PERFORMANCE DATA ITEM	CUMMULATED TO DATE					AT COMPLETION		
	BUDGETED COST		ACTUAL COST	VARIANCE		ORIGINAL BUDGET (Current Funded)	EAC	VARIANCE
	WORK SCHEDULED	WORK PERFORMED	WORK PERFORMED	SCHEDULED	COST			
BBSU	1,633,376	1,633,376	1,669,805	0	-36,429	1,418,145	2,460,894	-1,042,749
BAWS CLAD	1,195,375	1,195,375	1,195,375	0	0	550,822	1,195,900	-645,078
POWER PACK	726,770	726,770	561,029	0	165,741	1,076,450	1,792,870	-716,420
REMOTE TRIGGER	96,407	96,407	96,407	0	0	238,101	124,424	113,677
WSLAT	18,024	18,024	18,024	0	0	68,250	68,250	0
BAWS AUTOVALVE	195,010	195,010	198,842	0	-3,832	240,849	349,964	-109,115
<b>TOTAL</b>	<b>3,864,962</b>	<b>3,864,962</b>	<b>3,739,482</b>	<b>0</b>	<b>125,480</b>	<b>3,592,617</b>	<b>5,992,302</b>	<b>-2,399,685</b>

## MRM

	<u>Aug-06</u>	<u>Cumulative</u>	<u>ETC</u>	<u>EAC</u>	<u>VAR*</u>
<b>Total Incurred Cost:</b>	<b>\$ 49,907</b>	<b>\$ 156,964</b>	<b>\$ 256,111</b>	<b>\$ 413,075</b>	<b>\$ -</b>
Project Management	\$ 21,664	\$ 122,820			
System Design	\$ 13,199	\$ 17,002			
Concept Design	\$ 15,044	\$ 16,943			
Preliminary Design	\$ -	\$ 199			
<b>% of Funding Used:</b>		<b>38.0%</b>			
Authorized Cost Funding:		\$ 413,075			
Remaining Funding:		\$ 256,111			

\* All costs reported are net unallowables and excluding fee.

\*Variance is addressed in the monthly Progress Report Attachment A

## BBSU

	<u>Funding</u>	<u>Sep '06 Costs Incurred</u>	<u>Cumulative Costs Incurred</u>	<u>ETC</u>	<u>EAC</u>	<u>VAR*</u>
<b>Total:</b>	\$ 1,970,810	\$ (82,294)	\$ 1,838,250	\$ 118,465	\$ 1,956,715	\$ 14,095
Work directive		\$ -	\$ 6,728	\$ -	\$ 6,728	
Program Management		\$ 3,300	\$ 26,851	\$ 26,676	\$ 53,527	
Engineering Support		\$ (86,768)	\$ 1,515,250	\$ 8,673	\$ 1,523,923	
Production		\$ -	\$ -	\$ 38,115	\$ 38,115	
MRR		\$ -	\$ -	\$ 20,880	\$ 20,880	
Software Eng Support		\$ -	\$ -	\$ -	\$ -	
ECS		\$ -	\$ 218,783	\$ -	\$ 218,783	
LCS Retrofit		\$ -	\$ 56	\$ 24,121	\$ 24,177	
EMI		\$ -	\$ 1,570	\$ -	\$ 1,570	
IA REQ'T ANALYSIS		\$ -	\$ 62,798	\$ -	\$ 62,798	
QUEBSE		\$ 1,174	\$ 2,996	\$ -	\$ 2,996	
Collector Clamp		\$ -	\$ 3,218	\$ -	\$ 3,218	
Authorized Cost Funding:	\$ 1,970,810					
Fee:	\$ 129,617					
<b>Total Funding:</b>	<b>\$ 2,100,427</b>					
Remaining Funding:	\$ 262,177					
Percent of authorized cost funding spent:		93%				
Percent of total funding spent:		88%				

\* All costs reported are net unallowables and excluding fee.

\*Variance is addressed in the monthly Progress Report Attachment A

## MOT&E - Dugway Support

	<u>Authorized Cost Funding</u>	<u>DEC '07 Costs Incurred</u>	<u>Cumulative Costs Incurred</u>	<u>ETC</u>	<u>EAC</u>	<u>VAR*</u>
<b>Total</b>	\$ 574,714	\$ 55,461	\$ 474,183	\$ 38,627	\$ 512,810	\$ 61,904
MOT&E Dugway Support	\$ 574,714	\$ 55,461	\$ 474,183	\$ 38,627	\$ 512,810	\$ 61,904
Authorized Cost Funding:	\$ 574,714					
Fee:	\$ 71,428					
<b>Total Funding:</b>	<b>\$ 646,142</b>					
Remaining Funding:	\$ 171,959					
<b>Percent of authorized cost funding spent</b>		<b>83%</b>				
<b>Percent of total funding spent</b>		<b>73%</b>				

(b) (4)

\*Variance is addressed in the monthly Progress Report Attachment A