



Section G

HAMMER

PROJECT MANAGERS

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SUMMARY

The Hazardous Materials Management and Emergency Response (HAMMER) mission area consists of the HAMMER project, WBS 1.9.1.1, Project Baseline Summary (PBS) HM01.

NOTE: Unless otherwise noted, the Safety, Conduct of Operations, Milestone Achievement, and Cost/Schedule data contained herein is as of the end of September 2000. All other information is as of October 21, 2000.

The FY 2000 Volpentest HAMMER overall performance was excellent. The project remained clearly focused on achieving the FY 2000 objective – “operate the Volpentest HAMMER Training and Education Center (HAMMER) in a safe and effective manner”. The Center's continued commitment to operational and training safety resulted in an excellent safety record with no lost workday cases. In fact, there have been no lost workday cases since opening the new facility in September 1997.

Top 5 Accomplishments for FY 2000

Volpentest HAMMER's first priority is to deliver hands-on training to the Hanford workforce. One thousand eight hundred twenty classes were conducted at the Volpentest HAMMER facility, for a total of 28,077 Hanford site student days (milestone #HMR-00-002). This represents a 14 percent increase over the FY 1999 actual student day total of 24,569 and exceeds the FY 2000 10 percent target. Highest attended health and safety classes included Hazardous Waste Operations, Respiratory Protection, Radiation Worker II Requalification, Basic Medic First Aid training, and Basic Crane and Rigging. Effectiveness was evidenced by high student satisfaction ratings. The ratings remained high throughout FY 2000 due to a strong customer service commitment by staff members (Progress).

Milestone #HMR-00-004 was successfully completed and exceeded expectations for increasing the HAMMER facility utilization. The goal for FY 2000 was 32,137 student days including Hanford and non-Hanford students, which is a 10 percent increase over 29,215 actual student days in FY 1999. The FY 2000 actual student days total was 33,054, which is a 13 percent increase over FY 1999. Additionally, a second deliverable of this milestone was to increase prop usage by 10 percent over FY 1999. The goal for FY 2000 was 21.7 percent, which is a 10 percent increase over the 19.8 percent actual usage in FY 1999. The actual FY 2000 prop usage was 23.2 percent, which is an exceptional 17 percent increase over FY 1999, and is proof that more classes are using hands-on learning (Progress).

Construction was completed on HAMMER's new 60' x 60' Training Support Building (TSB) Annex Building in January 2000 providing much-needed additional classroom space and a practical area for Respiratory training (Progress).

HAMMER's new partnership with the U. S. Department of Energy and the U. S. Department of Labor, OSHA was formally recognized in March 2000. The new alliance brings rigorous, high-quality, performance-based courses (formerly offered only in Des Plaines, Illinois) to HAMMER and Hanford Site workers (Progress).

Milestone #HMR-00-003 was successfully completed and exceeded expectations for increasing the number of return user facility customers. The goal for FY 2000 was 17 return user facility customers, which is a 10 percent increase over 15 return user facility customers in FY 1999. HAMMER achieved 30 return user facility customers, which is an outstanding 100 percent increase over FY 1999. In association with this, HAMMER successfully completed milestone #HMR-00-005 for increasing reimbursable Work For Others (WFO) and cost offset. The goal for FY 2000 was \$416,000, which is a 25 percent increase over \$332,400 in FY 1999. The actual FY 2000 reimbursable WFO and cost offset total is \$485,900, which is a 46 percent increase over FY 1999 (Progress).

Additional FY 2000 Accomplishments

Progress

Completed milestone #HMR-00-001 – to establish a methodology for measuring employer satisfaction.

A methodology was developed for internal customers to establish a baseline of statistical data and comments. Non-Hanford customers are currently surveyed via the existing customer satisfaction system, which was developed in FY 1999. DOE-RL indicated that they wanted additional customer feedback from non-Hanford customers, so an additional methodology was formulated to address this request.

A total of 52 Hanford Site Emergency Preparedness (EP) Initial training courses were presented during FY 00 for a total of 656 students. In addition, this year 445 students were able to receive Refresher training via the Web. Courses included Building Warden Initial and Refresher, Building Emergency Director Initial and Refresher, Hanford Incident Command System Initial and Refresher, and EP Drill Coordinator Initial.

Construction was completed on HAMMER's new TSB Computer-Based Training Room in January 2000 providing much-needed space for RadWorker training.

HAMMER's new partnership with the U. S. Department of Energy, Northwest Public Power Association (NWPPA) and the Eastern Washington Electric Utility Group became official in June 2000.

The new alliance will bring a 40-acre "electrical city" to the facility for NWPPA personnel, Hanford Site High Risk Electrical Workers, and others.

September accomplishments include: initiated preparations for the construction of a laser containment facility in the TSB at HAMMER. Bechtel-Nevada, LANL and the Hanford Site have jointly developed the laser, as a much faster and cleaner method of cutting up unwanted material. The laser is expected to arrive in January 2001, with a DOE complex wide demonstration to be presented in March 2001. Additionally, the quarterly Eastern Washington State Agencies Trainer Round Table meeting was held.

Representatives from Labor and Industries, Corrections, Licensing, Department of Transportation, Department of Safety and Health Services, Department of Personnel and Employment Security Office attended this meeting. HAMMER's teleconferencing center was demonstrated and several of the meeting attendees toured HAMMER facility to view and discuss possible use of HAMMER in their areas of responsibility. In addition, the Northwest Regional Administrator of the Federal Rail Administration, Region VIII, visited the HAMMER facility. Discussions on partnership opportunities were conducted and future meetings are planned to discuss the potential for HAMMER to become this region's training facility.

Fiscal-year-to-date milestone performance (EA, DOE-HQ and RL) shows that four of five milestones (80 percent) were completed ahead of schedule, and one milestone (20 percent) was completed late. The Milestone Achievement details, found following the Baseline Change Request status, provide further information on all milestone types.

ACCOMPLISHMENTS

- Initiated preparations for the construction of a laser containment facility in the TSB.
- Conducted the quarterly Eastern Washington State Agencies trainer Round Table meeting.
- Conducted the Northwest Regional Administrator of the Federal Rail Administration, Region VIII meeting to discuss partnership opportunities and future training opportunities.

HAMMER currently has no status to report in the areas of ISMS Status, Breakthroughs and Opportunities for Improvement.

UPCOMING ACTIVITIES

- An Archeological Resources Protection Act Incident Investigation class has been scheduled for October 2000.
- WSU will present a Certified HAZMAT Manager National Test Preparation Class in October 2000.
- Washington State Department of Ecology will present an interagency Spill Workshop in October 2000.
- HAMMER will hold the first Firefighter Physical Ability test in October 2000.
- WSU will present an emergency Preparedness for Terrorism class in December 2000.

COST PERFORMANCE (\$M):

	BCWP	ACWP	VARIANCE
HAMMER	\$5.8	\$5.4	\$0.4

The favorable cost variance of \$0.4M (8 percent) is within established thresholds.

SCHEDULE PERFORMANCE (\$M):

	BCWP	BCWS	VARIANCE
HAMMER	\$5.8	\$5.9	- \$0.1

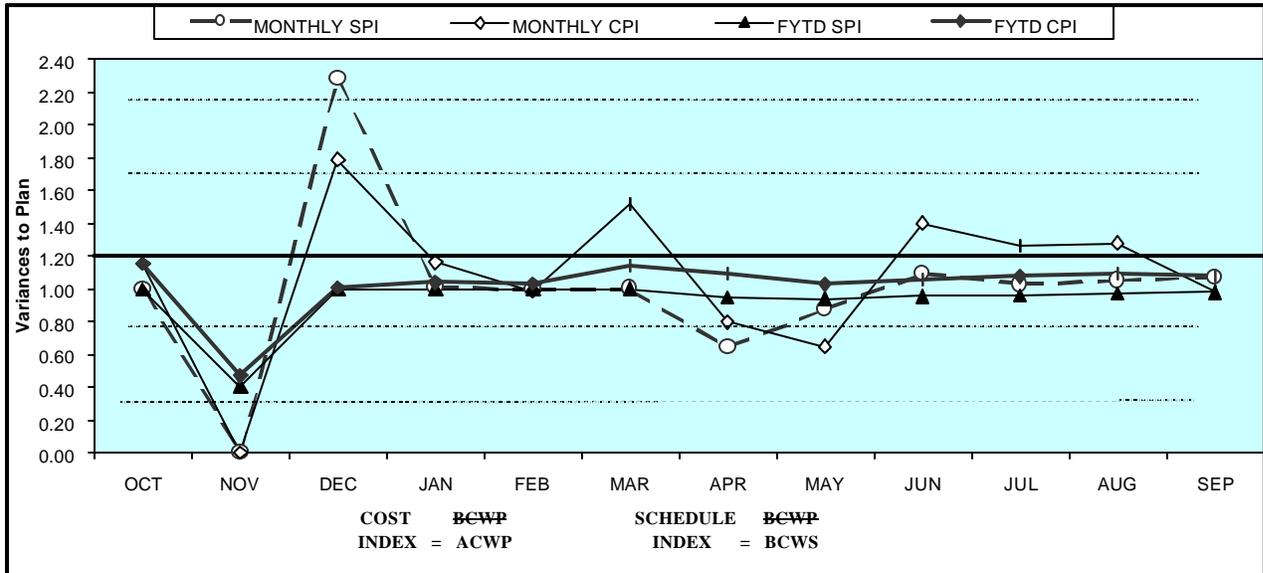
The unfavorable schedule variance of \$0.1M (2 percent) is within established thresholds.

FY 2000 COST/SCHEDULE PERFORMANCE – ALL FUND TYPES
CUMULATIVE TO DATE STATUS – (\$000)

Green

By PBS		FYTD						
		BCWS	BCWP	ACWP	SV	%	CV	%
PBS HM01 WBS 1.9.1	Hammer	\$ 5,936	\$ 5,813	\$ 5,371	\$ (123)	-2%	\$ 442	8%
Total		\$ 5,936	\$ 5,813	\$ 5,371	\$ (123)	-2%	\$ 442	8%

COST/SCHEDULE PERFORMANCE INDICES (MONTHLY 2000 AND FYTD)



FY 2000	OCT	NOV	DEC	IAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MONTHLY SPI	0.99	0.00	2.28	1.01	1.00	1.00	0.64	0.88	1.09	1.03	1.05	1.07
MONTHLY CPI	1.16	0.00	1.79	1.16	0.99	1.51	0.80	0.65	1.40	1.27	1.28	0.99
FYTD SPI	0.99	0.41	1.00	1.00	1.00	1.00	0.95	0.94	0.95	0.96	0.97	0.98
FYTD CPI	1.16	0.47	1.01	1.04	1.03	1.14	1.09	1.03	1.06	1.07	1.09	1.08
MONTHLY BCWS	\$ 352	\$ 507	\$ 396	\$ 418	\$ 440	\$ 914	\$ 541	\$ 393	\$ 425	\$ 425	\$ 559	\$ 567
MONTHLY BCWP	\$ 350	\$ -	\$ 904	\$ 427	\$ 438	\$ 913	\$ 347	\$ 345	\$ 464	\$ 437	\$ 587	\$ 607
MONTHLY ACWP	\$ 303	\$ 439	\$ 505	\$ 363	\$ 443	\$ 603	\$ 435	\$ 531	\$ 331	\$ 345	\$ 458	\$ 615
FYTD BCWS	\$ 352	\$ 859	\$ 1,255	\$ 1,673	\$ 2,113	\$ 3,027	\$ 3,568	\$ 3,961	\$ 4,386	\$ 4,810	\$ 5,369	\$ 5,936
FYTD BCWP	\$ 350	\$ 350	\$ 1,254	\$ 1,676	\$ 2,114	\$ 3,027	\$ 3,375	\$ 3,719	\$ 4,183	\$ 4,620	\$ 5,207	\$ 5,813
FYTD ACWP	\$ 303	\$ 742	\$ 1,247	\$ 1,610	\$ 2,053	\$ 2,656	\$ 3,091	\$ 3,622	\$ 3,953	\$ 4,298	\$ 4,756	\$ 5,371

COST VARIANCE ANALYSIS: (\$0.4)

WBS/PBS TITLE

1.9.1.1/HM01 HAMMER

Description and Cause: The variance is within thresholds.

Impact: None.

Corrective Action: None.

SCHEDULE VARIANCE ANALYSIS: (-\$0.1)

WBS TITLE

1.9.1.1/HM01 HAMMER

Description and Cause: The variance is within thresholds.

Impact: None.

Corrective Action: None.

FUNDS MANAGEMENT FUNDS VS SPENDING FORECAST (\$000) FY TO DATE THROUGH SEPTEMBER 2000 (FLUOR HANFORD, INC. ONLY)

	Project Completion *			Post 2006 *			Line Items/Other *		
	Funds	Actual Cost	Variance	Funds	Actual Cost	Variance	Funds	Actual Cost	Variance
The Future 1.9 HAMMER HM01				6,318	5,373	945			
Total Hammer Operating	\$ -	\$ -	\$ -	\$ 6,318	\$ 5,373	\$ 945	\$ -	\$ -	\$ -
Total Hammer Line Item	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

* Control Point

ISSUES

Nothing to report at this time.

BASELINE CHANGE REQUESTS CURRENTLY IN PROCESS (\$000)

PROJECT CHANGE NUMBER	DATE ORIGIN	BCR TITLE	FY00 COST IMPACT \$000	S C H	T E C H	DATE TO CCR	CCB APPROVD	PL APPROVD	CURRENT STATUS
HMR-2000-003	7/26/00	FY-2001 MYWP Bridge Change Reuest	0	X	X	8/25/00			At RL
HMR-2000-004	8/30/00	Install Air Conditioning in the HAMMER Training Support Building	30	X	X	NA	NA	NA	Project Approved
Project									
		Nothing to report at this time.							

MILESTONE ACHIEVEMENT

MILESTONE TYPE	FISCAL YEAR-TO-DATE				REMAINING SCHEDULED			TOTAL FY 2000
	Completed Early	Completed On Schedule	Completed Late	Overdue	Forecast Early	Forecast On Schedule	Forecast Late	
Enforceable Agreement	0	0	0	0	0	0	0	0
DOE-HQ	0	0	0	0	0	0	0	0
RL	4	0	1	0	0	0	0	5
Total Project	4	0	1	0	0	0	0	5

Tri-Party Agreement / EA Milestones
Nothing to report at this time.
DNFSB Commitments
Nothing to report at this time.

MILESTONE EXCEPTION REPORT

Green

<u>Number/WBS</u>	<u>Level</u>	<u>Milestone Title</u>	<u>Baseline Date</u>	<u>Forecast Date</u>
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OVERDUE - 0

FORECAST LATE - 0