



*Annual Performance Report Form*

**Facility Name:** Lockheed Martin Systems Integration Owego

**Performance Track ID #:** A020024

**Annual Performance Report #:** 1

**Reporting Year:** 2001

**Due Date:** May 2002

## Section A

# General Facility Information

To the extent possible, EPA will pre-complete items A.1-A.8 for you. Please ensure that the information in A.1-A.8 below is accurate, complete, and up to date. Please supply or revise any information as necessary and then check the box to the left of the item(s) to indicate where changes have been made. Items A.9 and A.10 cannot be pre-completed; please respond as directed in A.9 and A.10 below.

*Did you make changes? If so, check box.*

- A.1  Name of your facility: Lockheed Martin Systems Integration Owego
- A.2  Name of your parent company: Lockheed Martin Corporation
- A.3  Facility contact person for the Performance Track program:  
Name: Mr. Hal Ehrhardt  
Title: Manager, Safety, Chemical & Environmental Programs  
Phone: 607 751-2285 Fax: 607 751-4730 E-mail: hal.ehrhardt@lmco.com
- A.4  Facility's location:  
Street Address: 1801 State Route 17C  
Street Address (cont.):  
City/State/Zip Code: Owego, NY 13827
- A.5  Facility's website address (if any): www.lmowego.com
- A.6  Number of employees (full-time equivalents) who currently work in the facility: more than 1000
- A.7  Does your company meet the Small Business Administration definition of a small business for your sector?  Yes  No
- A.8  North American Industrial Classification System (NAICS) Code(s) that are used to classify business at the facility: 334111 541512 333313
- A.9  In your application and, perhaps, in previous annual performance reports, you described what your facility does or makes. Have there been any (additional) changes to your facility's list of products and/or activities? If so, please list them in the space below.  Yes  No
- A.10  Please update the list of environmental requirements that apply to your facility. In the space below, indicate any changes that have taken place during this reporting period. If you have no changes to report, please write "No changes."  
no changes

## Section B

# Environmental Management System

**B.1 Environmental Management System Assessment.** Please summarize EMS assessments conducted *during the year*. Attach additional sheets as necessary.

a. Was an EMS audit or other assessment done by an independent third party?

Yes  No

If yes, please provide the *type* (e.g., ISO 14001 certification), the *scope*, and the *dates* (mo/yr) of each assessment.

2 ISO 14001 certification surveillance audits - each audit reviews 1/6 of the ISO 14001 elements in detail and a summary review of 6 elements. In 2001, audits were performed February and August. The February review looked at policy, aspects and communication, and a summary review of objectives and targets, document control, nonconformance and corrective action, management system audit and management review. The August review looked at Legal and other requirements, objectives and targets, monitoring and measurement, and a summary review of the same elements as in February and communication.

b. Was an internal or corporate EMS audit conducted?  Yes  No

If yes, please provide the *scope* and the *dates* (mo/yr) of each audit.

An EMS audit was conducted by a corporate Environmental, Safety & Health auditor. The audit reviewed the environmental, safety and health management system at the Owego facility for conformance with the ISO 14001 standard and Lockheed Martin Corporate procedure requirements. The audit was conducted in October 2001. The audit included interviews with line employees and management, procedure review and physical inspection.

c. Was a compliance audit conducted?  Yes  No

If yes, please provide the *scope* and the *dates* (mo/yr) of each audit, and indicate *who* conducted the audit(s) (e.g., facility staff, corporate groups, third party).

A compliance audit was conducted for environmental programs at the Owego facility in October 2001. Various environmental programs were audited by facility staff or environmental professionals from other facilities within the corporation.

d. (Optional) If you would like to describe any other audits or inspections that were conducted at your facility, please do so here.

# Section B

(continued)

B.1

e. Briefly summarize corrective actions taken and other improvements made as a result of your EMS assessments and compliance audits.

As a result of audits performed, the site has modified recordkeeping to enable compliance demonstration to be easier. The facility is working to improve its internal communication program so that employees are more familiar with environmental, safety and health objectives and policy.

f. Has your facility corrected all instances of potential non-compliance and EMS non-conformance identified during your audits and other assessments?

Yes  No  No such instances identified

If no, please explain your plans to correct these instances.

g. When was the last Senior Management review of your EMS completed? *mo/yr* 09/01

Who headed the review?

Name: Mr. Frank Meyer

Title: President, Systems Integration Owego

# Section B

(continued)

**B.2 ISO 14001 Certification.** Is your facility currently certified to ISO 14001?  Yes  No

**B.3 Environmental Aspects Identification.** When did your facility last conduct a systematic identification and/or review of your environmental aspects? *mo/yr* 01/01

**B.4 Progress Toward Achieving Objectives and Targets.** In the table below, please provide a narrative summary of progress made toward EMS objectives and targets. **You may limit the summary to environmental aspects that are *significant* and towards which *progress* has been made during the *reporting year*.** In cases where progress relates specifically to a Performance Track performance commitment, complete the *Environmental Aspect* column, but in the *Progress* column simply refer to the performance commitment tables in Section C, i.e. "See Section C." Attach additional sheets as necessary.

| <i>Environmental Aspect</i> | <i>Progress Made This Year</i><br>(e.g., quantitative or qualitative improvements, activities conducted) |
|-----------------------------|--|
| Toxics to Water             | See Section C  |
| Recycle Material Use        | See Section C  |
| Water Use                   | See Section C  |
| Hazardous Materials Use     | See Section C  |
|                             |  |
|                             |  |

# Section C

## Environmental Performance Commitments

Please use the tables on pages 6-9 to summarize your facility's environmental performance against your Performance Track performance commitments. Complete only those boxes related to the baseline, current year, and performance commitment. If any of the boxes have been pre-completed for you, please verify the information. If you find information that is incorrect, cross it out and write in the correct information. **Leave blank any columns for future reporting years.**

C.1

### Performance Commitment 1

a. Use this table to report data related to your first performance commitment.

|   |   |               |               |               |   |
|---|---|---------------|---------------|---------------|---|
| <b>Category</b> (see page 16 of the instructions): Discharges to Water  |   |               |               |               |   |
| <b>Aspect</b> (see page 16 of the instructions): Discharges of Toxics to Water - Copper discharge concentration |   |               |               |               |   |
|   | <i>Baseline</i><br><i>(as stated in</i><br><i>your application)</i> | <i>Year 1</i> | <i>Year 2</i> | <i>Year 3</i> | <i>Performance</i><br><i>Commitment</i><br><i>(the goal stated</i><br><i>in your</i><br><i>application)</i> |
| <i>Calendar Year</i>  | 2000  | 2001          |               |               | 2003  |
| <i>Actual Quantity</i><br><i>(per year)</i>   | 199   | 163           |               |               | (optional)  |
| <i>Measurement Units</i>  | kilograms copper discharged   |               |               |               |   |
| <i>Normalizing</i><br><i>Factor*</i>  | 1.0   | 0.98          |               |               | (optional)  |
| <i>Basis for your</i><br><i>Normalizing Factor*</i>   | Million Liters of water discharged                                  |               |               |               |   |
| <i>Normalized Quantity*</i><br><i>(per year)</i>  | 1.03  | 0.9           |               |               | 0.9   |
| *See pages 17-19 of the instructions for more information   |   |               |               |               |   |

b. Briefly describe how you achieved improvements for this aspect or, if relevant, any circumstances that delayed progress.

Extra cleaning of the resin beds and clean out of treatment plant tanks debris enabled the wastewater treatment plant to produce cleaner effluent. The level of chelators in the system has varied significantly, such that at times the plant produces very clean effluent and at other times the effluent contains more copper. The plant continually operated within its discharge permit limits.

c. Please list any other EPA voluntary programs to which you are also reporting these data (e.g., Energy Star, Project XL).

none

# Section C

(continued)

## C.2 Performance Commitment 2

a. Use this table to report data related to your second performance commitment.

|  |   |               |               |               |   |
|--|---|---------------|---------------|---------------|---|
| <b>Category</b> (see page 16 of the instructions): Materials Use                                 |   |               |               |               |   |
| <b>Aspect</b> (see page 16 of the instructions): Recycled/Reused Materials Use - Office Products |   |               |               |               |   |
|  | <i>Baseline</i><br><i>(as stated in</i><br><i>your application)</i> | <i>Year 1</i> | <i>Year 2</i> | <i>Year 3</i> | <i>Performance</i><br><i>Commitment</i><br><i>(the goal stated</i><br><i>in your</i><br><i>application)</i> |
| <i>Calendar Year</i>   | 2000  | 2001          |               |               | 2003  |
| <i>Actual Quantity</i><br><i>(per year)</i>  | 134   | 219           |               |               | 179(optional)   |
| <i>Measurement Units</i>   | items   |               |               |               |   |
| <i>Normalizing</i><br><i>Factor*</i>   | 1.0   |               |               |               | (optional)  |
| <i>Basis for your</i><br><i>Normalizing Factor*</i>  | Not applicable  |               |               |               |   |
| <i>Normalized Quantity*</i><br><i>(per year)</i>   |   |               |               |               |   |
| *See pages 17-19 of the instructions for more information  |   |               |               |               |   |

b. Briefly describe how you achieved improvements for this aspect or, if relevant, any circumstances that delayed progress.

We have focused our selection of office products to purchase products containing recycled materials when possible. We have switched our site standard office paper from paper with 0% recycled content to 30% post-consumer recycled content. Although we were able to reach our commitment, we will continue to look for products with recycled content and for opportunities to use paper with more post consumer recycled content.

c. Please list any other EPA voluntary programs to which you are also reporting these data (e.g., Energy Star, Project XL).

none

# Section C

(continued)

## C.3 Performance Commitment 3

a. Use this table to report data related to your third performance commitment.

|   |   |               |               |               |   |
|---|---|---------------|---------------|---------------|---|
| <b>Category</b> (see page 16 of the instructions): Water Use                            |   |               |               |               |   |
| <b>Aspect</b> (see page 16 of the instructions): Total Water Use - industrial water use |   |               |               |               |   |
|   | <i>Baseline</i><br><i>(as stated in</i><br><i>your application)</i> | <i>Year 1</i> | <i>Year 2</i> | <i>Year 3</i> | <i>Performance</i><br><i>Commitment</i><br><i>(the goal stated</i><br><i>in your</i><br><i>application)</i> |
| <i>Calendar Year</i>  | 2000  | 2001          |               |               | 2003  |
| <i>Actual Quantity</i><br><i>(per year)</i>   | 51  | 50            |               |               | (optional)  |
| <i>Measurement Units</i>  | Million gallons   |               |               |               |   |
| <i>Normalizing</i><br><i>Factor*</i>  | 1.0   | 0.93          |               |               | (optional)  |
| <i>Basis for your</i><br><i>Normalizing Factor*</i>                                     | boardfeet   |               |               |               |   |
| <i>Normalized Quantity*</i><br><i>(per year)</i>  | 51  | 54            |               |               | 42  |
| *See pages 17-19 of the instructions for more information                               |   |               |               |               |   |

b. Briefly describe how you achieved improvements for this aspect or, if relevant, any circumstances that delayed progress.

We identified water flow was occurring at times of no process operation. We obtained a portable water meter and identified where these flows were occurring. We have implemented startup and shutdown procedures for some process lines and have repaired valves that were not operating properly.

All quantities have been rounded to two significant figures.

Note: The measurement of water use occurs at end of pipe due to current configuration of water use and meters. The baseline reported above is not equal to the baseline submitted in original application at EPA request.

c. Please list any other EPA voluntary programs to which you are also reporting these data (e.g., Energy Star, Project XL).

none

# Section C

(continued)

## C.4 Performance Commitment 4

a. Use this table to report data related to your fourth performance commitment.

|   |   |               |               |               |   |
|---|---|---------------|---------------|---------------|---|
| <b>Category</b> (see page 16 of the instructions): Materials Use                        |   |               |               |               |   |
| <b>Aspect</b> (see page 16 of the instructions): Hazardous Materials Use - copper lines |   |               |               |               |   |
|   | <i>Baseline<br/>(as stated in<br/>your application)</i> | <i>Year 1</i> | <i>Year 2</i> | <i>Year 3</i> | <i>Performance<br/>Commitment<br/>(the goal stated<br/>in your<br/>application)</i> |
| <i>Calendar Year</i>  | 2000  | 2001          |               |               | 2003  |
| <i>Actual Quantity<br/>(per year)</i>   | 41000   | 27000         |               |               | (optional)  |
| <i>Measurement Units</i>  | lbs   |               |               |               |   |
| <i>Normalizing<br/>Factor*</i>  | 1.0   | 0.93          |               |               | (optional)  |
| <i>Basis for your<br/>Normalizing Factor*</i>   | boardfeet   |               |               |               |   |
| <i>Normalized Quantity*<br/>(per year)</i>  | 41000   | 29000         |               |               | 35000   |
| *See pages 15-17 of the instructions for more information                               |   |               |               |               |   |

b. Briefly describe how you achieved improvements for this aspect or, if relevant, any circumstances that delayed progress.

We have increased the usage of our pattern plating operation (selective plate process) versus our traditional full printed wire board plate operation. This plating process reduces the quantity of chemicals necessary to achieve the same final requirement.

Note: All quantities have been rounded to two significant figures. The baseline reported above is not equal to the baseline submitted in original application at EPA request. The performance commitment cited above represents additional reduction beyond commitment stated in original application.

c. Please list any other EPA voluntary programs to which you are also reporting these data (e.g., Energy Star, Project XL).

none

## Section D

# Public Outreach and Performance Reporting

**D.1** Please briefly summarize the public outreach and reporting activities that your facility has conducted during the year. Feel free, but not obligated, to attach supporting materials (e.g., meeting agendas, public announcements).

Lockheed Martin Systems Integration – Owego actively participates in the development and implementation of programs that promote vital community services, educational excellence and cultural enrichment. By establishing partnerships with educational institutes and community-based groups, Lockheed Martin strives to support programs and projects that offer opportunities to leverage available resources with other companies and organizations in the community.

Programs:

K-12 Program – Lockheed Martin has established education industry partnerships with 12 school districts across Broome and Tioga Counties to promote and improve math and science education through engineering, outreach and family programs. On an annual basis Lockheed Martin sponsors about 100 programs allowing more than 20,000 K-12 students to participate. Career presentations and classroom presentations include pollution prevention, noise abatement, protecting the environment and recycling.

Volunteer Program – The Volunteer Action Center and the Corporate Volunteer Council promote local volunteerism by providing tools that link Lockheed Martin employees with community needs. On an annual basis employees register nearly 60,000 volunteer hours. Employee volunteer efforts are year round and include supporting the Waterman Conservation Education Center's facilities, i.e. cleaning and maintaining nature trails at Hiawatha Island, Brick Pond and the center's main site in Apalachin.

PC takeback Day - In conjunction with IBM, Endicott, NY, Lockheed Martin is a local drop off point for PC takeback day. This annual event allows area residents to drop off unwanted personal home computers and equipment, at no charge, for recycling.

**D.2** Please indicate which of the following methods your facility plans to use to make its Performance Track Annual Performance Report available to the public. Please check as many as are appropriate.

Website (URL [www.lmowego.com](http://www.lmowego.com))

Open House

Meetings

Press Releases

Community Advisory Panel

Other

## Section E

# Self-Certification of Continued Program Participation

On behalf of Lockheed Martin Systems Integration Owego,  
(name of my facility)

I certify that

- ◆ I have read and agree to the terms and conditions specified in *the National Environmental Performance Track Program Guide*. This facility, to the best of my knowledge, continues to meet all program criteria;
- ◆ I have personally examined and am familiar with the information contained in this Annual Performance Report. The information contained in this report is, to the best of my knowledge and based on reasonable inquiry, true, accurate, and complete;
- ◆ My facility has an environmental management system (EMS), as defined in the Performance Track EMS criteria, including systems to maintain compliance with all applicable federal, state, tribal, and local environmental requirements in place at the facility, and the EMS will be maintained for the duration of the facility's participation in the program;
- ◆ My facility has conducted an objective assessment of its compliance with all applicable federal, state, tribal, and local environmental requirements; and the facility has corrected all identified instances of potential or actual noncompliance; and
- ◆ Based on the foregoing compliance assessments and subsequent corrective actions (if any were necessary), my facility is, to the best of my knowledge and based on reasonable inquiry, currently in compliance with applicable federal, state, tribal, and local environmental requirements.

I agree that EPA's decision whether to accept participants into or remove them from the National Environmental Performance Track is wholly discretionary, and I waive any right that may exist under any law to challenge EPA's acceptance or removal decision.

I am the senior manager with responsibility for the facility and am fully authorized to execute this statement on behalf of the corporation or other legal entity whose facility is part of the National Environmental Performance Track program.

Signature/Date 3 May 02

Printed Name Mr. Frank Meyer

Title President

Phone Number/E-mail Address contact: Hal Ehrhardt 607 751- 2285, hal.ehrhardt@lmco.com

Facility Name Lockheed Martin Systems Integration Owego

Facility Street Address 1801 State Route 17C, Owego, NY 13827

Performance Track Identification Number A020024

### **Paperwork Reduction Act Notice**

The public reporting and recordkeeping burden for this collection of information is estimated to average 188 hours per respondent annually. Burden means the total time, effort, or financial resources expended by persons to generate, maintain, retain, or disclose or provide information to or for a Federal agency. This includes the time needed to review instructions; develop, acquire, install, and utilize technology and systems for the purposes of collecting, validating, and verifying information, processing and maintaining information, and disclosing and providing information; adjust the existing ways to comply with any previously applicable instructions and requirements; train personnel to be able to respond to a collection of information; search data sources; complete and review the collection of information; and transmit or otherwise disclose the information. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number.

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