



*Annual Performance Report Form*

**Facility Name:** Lockheed Martin Naval Electronics & Surveillance Systems-Marine Systems

**Performance Track ID #:** A030020

**Annual Performance Report #:** 1

**Reporting Year:** 2001

**Due Date:** 04/01/2002

# 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 Naval Electronics & Surveillance Systems-Marine Systems
- A.2  Name of your parent company: Lockheed Martin Corporation
- A.3  Facility contact person for the Performance Track program:  
Name: Mr./Mrs./Ms./Dr. Mr. Ned Moore  
Title: Environmental Engineer  
Phone: (410) 682-1291 Fax: (410) 682-1270 E-mail: edgar.o.moore.iv@lmco.com
- A.4  Facility's location:  
Street Address: 2323 Eastern Boulevard  
Street Address (cont.):  
City/State/Zip Code: Baltimore/MD/21220-4207
- A.5  Facility's website address (if any): ness.external.lmco.com/nessb/
- A.6  Number of employees (full-time equivalents) who currently work in the facility: 500-1000
- 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: 332995 \_\_\_\_\_
- 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  
No changes
- 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.

ISO 14001 Phase II audit by SGS, International on February 13-15, 2001.

Received ISO 14001 Certification on March 14, 2001.

ISO 14001 Minor Finding Close-out audit by SGS, International on July 26, 2001.

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.

Management System Review conducted in October 2001. The scope of this ESH Management Systems Audits covered all required elements of ISO 14001 as well as all applicable Standard Procedures. We also conducted quarterly internal ESH audits by operational area or program.

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).

Regulatory Compliance Audit conducted in August 2001. The audit was broken down into four categories: 1) Environmental Workplan Documents, 2) Management Program Workplan Documents, 3) Safety Workplan Documents, and 4) Health Workplan Documents. The audit is based on our Corporate ESH audit procedure and was conducted internally by the ESH staff.

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.

Corrected the one Minor Corrective Action Request (CAR) which was noted in our Phase II audit. We revised our internal Standard Procedure 81-9-04 ,Air Pollution Control, to further detail the roles and responsibilities for management and operators of air pollution control equipment. We also addressed all the observations which were noted during the Phase II audit. These items were then verified during the July 26, 2001, audit by SGS, International.

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* 11/2001

Who headed the review?

Name: Mr./Mrs./Ms./Dr. Dale P. Bennett

Title: Vice President

# 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* 11/2001

**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> (e.g., quantitative or qualitative improvements, activities conducted)
Regulatory Compliance	Maintained regulatory compliance with all federal, state, and local statutes with no Notices of Violation (NOVs) for 2001.
Air Pollution Control	Eliminating the use of all Class II Ozone Depleting Chemicals in our current processes. We switched materials in our Conformal Coating Operation to one with contains not Class II ODCs.
Hazardous Waste	Our goal was to reduce hazardous waste generation from processs waste streams by 10% over our 2000 tonnage. Achieved a 19.5% reduction in hazardous waste generation over our 2000 tonnage.
Solid Waste	Our goal was to reduce solid waste generation by 10% over our 2000 tonnage. Achieved a 33.5% reuction in solid waste generation over our 2000 tonnage.
Recycling	Implement a cardboard recycling program. Purchased a cardboard compactor so we could begin to quantify how much cardboard we recycle a year. Recycled 4.67 tons in 2001.
Recycling	Increase recycling efficiencies. Our goals included a 5% increase in scrap metal recycled and a 5% increase in paper recycled. Achieved a 177% increase in scrap metal recycled and a 16% increase in paper recycled.

# 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): Air Emissions					
<b>Aspect</b> (see page 16 of the instructions): Elimination of all Class II Ozone Depleting Chemicals					
	<i>Baseline (as stated in your application)</i>	<i>Year 1</i>	<i>Year 2</i>	<i>Year 3</i>	<i>Performance Commitment (the goal stated in your application)</i>
<i>Calendar Year</i>	2000	2001			2003
<i>Actual Quantity (per year)</i>	25	12.5			(optional)
<i>Measurement Units</i>	lbs.				
<i>Normalizing Factor*</i>	1.0	1.14			(optional)
<i>Basis for your Normalizing Factor*</i>	Production level				
<i>Normalized Quantity* (per year)</i>	25	10.96			0
*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 eliminated the material we were currently using in our Conformal Coating Operation and replaced it with a Class II, Ozone Depleting Chemical free alternative. The old material code was then eliminated so it would no longer be ordered in the future. We are currently using up the remaining inventory of material containing the Class II Ozone Depleting Chemical.

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): Waste					
<b>Aspect</b> (see page 16 of the instructions): Reduction in Hazardous Waste generation					
	<i>Baseline (as stated in your application)</i>	<i>Year 1</i>	<i>Year 2</i>	<i>Year 3</i>	<i>Performance Commitment (the goal stated in your application)</i>
<i>Calendar Year</i>	2000	2001			2003
<i>Actual Quantity (per year)</i>	4.05	3.26			(optional)
<i>Measurement Units</i>	tons				
<i>Normalizing Factor*</i>	1.0	1.14			(optional)
<i>Basis for your Normalizing Factor*</i>	Production level				
<i>Normalized Quantity* (per year)</i>	4.05	2.86			3.65
*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.  
 Improved waste minimization, employee education, and waste segregation techniques. We also invested in a compactor to increase the amount of waste per drum resulting in less drums being generated.

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): Waste					
<b>Aspect</b> (see page 16 of the instructions): Reduction in Solid Waste generation					
	<i>Baseline (as stated in your application)</i>	<i>Year 1</i>	<i>Year 2</i>	<i>Year 3</i>	<i>Performance Commitment (the goal stated in your application)</i>
<i>Calendar Year</i>	2000	2001			2003
<i>Actual Quantity (per year)</i>	90.42	60.06			(optional)
<i>Measurement Units</i>	tons				
<i>Normalizing Factor*</i>	1.0	1.14			(optional)
<i>Basis for your Normalizing Factor*</i>	Production level				
<i>Normalized Quantity* (per year)</i>	81.37	52.68			81.70
*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.  
 Increased emphasis on the recycling of wood, paper, cardboard, and scrap metal resulting in less solid waste being generated. Plus increased employee education and communication of our ESH objectives.

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.

**Category** (see page 16 of the instructions): Material Use

**Aspect** (see page 16 of the instructions): Reuse & Recycling of Toner Cartridges

	<i>Baseline (as stated in your application)</i>	<i>Year 1</i>	<i>Year 2</i>	<i>Year 3</i>	<i>Performance Commitment (the goal stated in your application)</i>
<i>Calendar Year</i>	2000	2001			2003
<i>Actual Quantity (per year)</i>	1280.3	1831.5			(optional)
<i>Measurement Units</i>	lbs.				
<i>Normalizing Factor*</i>	1.0	1.14			(optional)
<i>Basis for your Normalizing Factor*</i>	Production level				
<i>Normalized Quantity* (per year)</i>	1280.3	1606.6			1344.3

\*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.

Increase employee education on our various recycling programs resulting in the increased efficiency in collection and recycling of toner, printer, and fax cartridges. These recycled cartridges are reused however, we do not have any data to quantify at this time. Please note that in order to quantify weight of recycled/reused cartridges, we have made the following assumptions: 1.) each laser jet cartridges weighs 3.4 lbs., each ink jet cartridges weighs 0.5 lbs., and that of the total cartridges recycled, 85% were laser jet and 15% were ink jet. The total number of cartridges recycled is as follows: for 2000- 432 cartridges and for 2001-618 cartridges.

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). 1.) Article in The Daily Record, Volume 2, Number 59, Monday September 10, 2001, titled Lockheed's Baltimore County plant first in Md. inducted into EPA program. A copy of the article is enclosed. 2.) Article in THE AVENUE NEWS, September 12, 2001, titled Lockheed Martin recognized by EPA. A copy of the article is enclosed. 3.) Article in MDENVIRONMENT, October 2001, titled Lockheed Martin achieved performance track status. A copy of the article is enclosed.

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 )
- Open House
- Meetings
- Press Releases
- Community Advisory Panel
- Other Press release

## Section E

# Self-Certification of Continued Program Participation

On behalf of Lockheed Martin Naval Electronics & Surveillance Systems-Marine Systems,  
(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 \_\_\_\_\_

Printed Name Mr./Mrs./Ms./Dr. Mr. Dale P. Bennett

Title Vice President

Phone Number/E-mail Address (410) 682-1700/dale.p.bennett@lmco.com

Facility Name Lockheed Martin NE & SS-Marine Systems

Facility Street Address 2323 Eastern Boulevard Baltimore, MD 21220-4207

Performance Track Identification Number A030020

### **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.

Send comments on the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondent burden, including through the use of automated collection techniques to the Director, Collection Strategies Division, U.S. Environmental Protection Agency (2822), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.