

Defense Logistics Agency

Green Products and Services from the Defense Logistics Agency Support for Environmental Requirements

Support for Environmental Requirements

Karen Moran (presenter)

Prepared for the Joint Services Environmental Management conference

March 2006

Denver CO



DLA Support for Environmental Requirements

OVERVIEW FOR TODAY

- What is DLA?
- What's new in environmental requirements?
- How can DLA help?
 - Products & Services (some free!)
 - Green Procurement Report: New website tool for tracking green products IAW new OSD metric
 - DLA's Environmental Attributes Initiative



The DLA Enterprise

FY01 Sales/Services:	\$17B
FY02 Sales/Services:	\$21.5B
FY03 Sales/Services:	\$25B
FY04 Sales/Services:	\$28B
FY05 Sales/Services:	\$31.8B
FY06 Projection:	\$34.3B

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•	Land/Maritime:	\$3.3B
•	Aviation:	\$3.6B
•	Troop Support:	\$12.9B
•	Energy:	\$11.0B
•	Distribution:	\$2.5B

~95% of Services' repair parts

 100% of Services' subsistence, fuels, medical, clothing & textile, construction & barrier materiel

\$1.0B

Foreign Military Sales

• Sales: \$1.18B

Other:

Shipments: 535K

Supporting 124 Nations

Scope of Business

- 54,000 Requisitions/Day
- 8,200 Contracts/Day
- #50 Fortune 500 Above Intel
- #2 in Top 50 Distribution Warehouses
- 26 Distribution Depots
- 5.2 Million Items eight supply chains
- 24.7M Annual Receipts and Issues
- 1411 Weapon Systems Supported
- 132.8M Barrels Fuel Sold
- \$14.6B Annual Reutilizations/Disposals

People

- 20,804 Civilians
- 513 Active Duty Military
- 754 Reserve Military
- Located in 48 States/28 Countries



What's New? New law requires procurement of energy efficient products

- New law: Energy Policy Act of 2005, section 104, Federal Procurement of Energy Efficient Products
- Energy Efficient (EE): rated under Energy Star program or designated by DOE's Federal Energy Management Program; excluded: products procured for combat-related missions
- Agencies will procure only EE products and include EE criteria in procurement plans (specs/contracts)
- Exceptions in writing: availability for functional requirements; life cycle cost-effective, including E\$



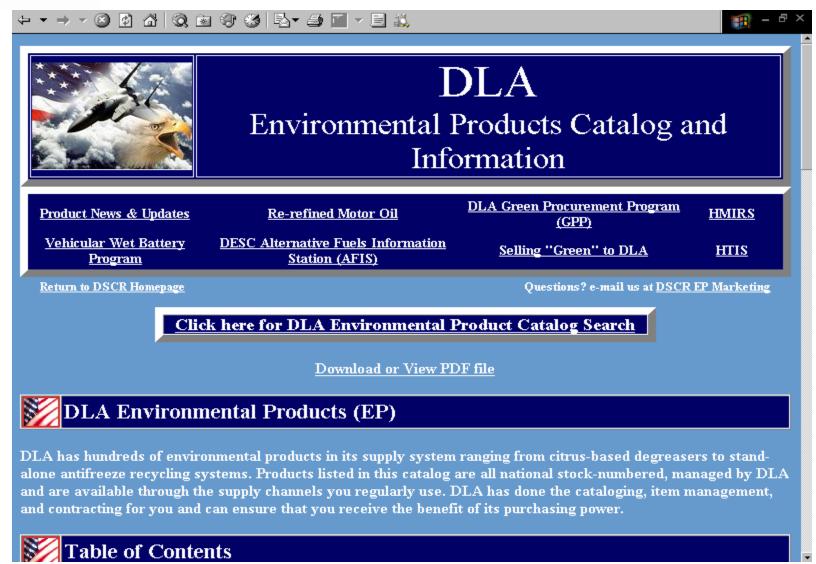
What's New? New law requires procurement of energy efficient products

- Agencies select premium efficient motors & maximize efficiency of air conditioning & refrigeration equipment
- DLA and GSA: clearly identify and prominently display EE products in inventories/listings
- DLA and GSA: supply only EE products, except where ordering agency specifies in writing that exceptions apply
- DOE to issue regulations to carry out this section

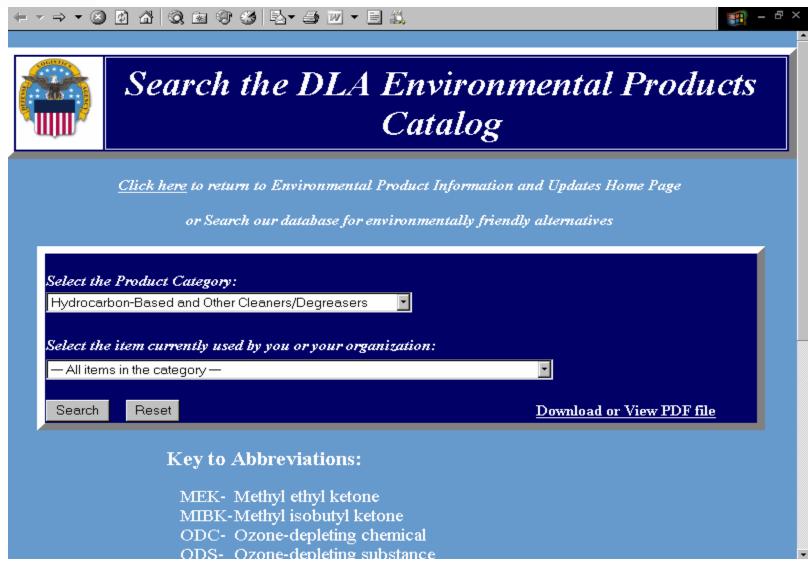


- DLA Customers can now order Green Products directly from the DLA EP web page at http://www.dscr.dla.mil
- Web catalog replaces 10,000 hard copies printed & mailed yearly
- Product data, contact information, and links can be updated during the year, with new product categories & items added at any time.
- DLA Supplier Teams nominate products they manage for inclusion in the catalog.
- Technical advice always available.
- E-mail your questions by clicking on the DSCR EP Marketing link on the catalog's homepage DSCR.EPMKTG@DLA.MIL.
- Order Products using either MILSTRIP Requisitions or DoD EMALL.

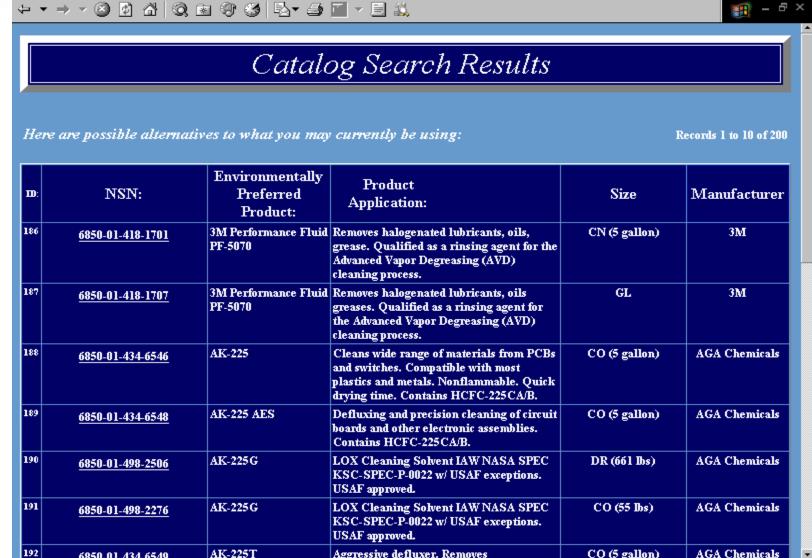














Green Product Highlights

- Re-refined Lubricating Oil
- Reclaimed Engine Coolant
- Remanufactured Toner Cartridges
- Battery Consignment Program
- Heavy Equipment Procurement Program
- Energy Efficient Lighting
- Biobased Fuels



Re-refined Lubricating Oil

Basic Re-refined Oil Program

- API certified oil in your choice of 5W-30, 10W-30, 15W-40, 30 and 40.
- No minimum orders.
- Packaged in Quarts, 5 Gallon Containers, and 55 Gallon Drums.
- World-wide delivery from Vendor to Customers

Closed Loop Re-refined Oil Program

- API certified oil in your choice of 30, 40, 10W-30 and 15W-40
- Small minimum orders.
- Includes pick up of your used oil for re-refining.
- CONUS delivery of packaged and bulk products, available in Quarts,
 5 Gallon Containers, 55 Gallon Drums, and bulk deliveries.

Ordering:

MILSTRIP/FEDSTRIP, Fax 804-279-6730, Phone 877-352-2255, D932-7766 IMPAC Card through EMALL (<u>www.emall.dla.mil</u>)

See also: www.dscr.dla.mil/pol/ POC: D695-4257



Reclaimed Engine Coolant (aka Recycled Antifreeze)

- Conforms with EPA guidelines
- May be purer since recycling process reduces chlorines from hard water
- Commercial Item Description that replaces
 3 Mil Specs, specs same for virgin, recycled
- Army use recycled only, DLA to do automatic substitution
- Other Services -- similar directions
- POC: 804-279-3995, DSN695



Toner Cartridges

- EPA CPG item (non-paper office product)
- Used in laser printers, photocopiers, fax machines, and microphotographic printers
- When the toner is replaced, the cartridges can be returned to the manufacturer to be refilled, refurbished, and cleaned for resale.
- EPA recommends: remanufacturing services for expended cartridges, and remanufactured toner cartridges or new toner cartridges made with recovered materials from product vendors
- POC: 804-279-3995, DSN695



Vehicular Battery Consignment Program

- Contract awarded December 2004 services all 50 states
 current contractor is Exide
- New Low Price: The 6TMF battery price is \$72.14 for all sites (FY 2005 price). Also included: 2HN, 4HN
- Direct Vendor Delivery for sites using 120 or fewer per year – order on as needed basis through MILSTRIP
- Consignment of 30 day supply for sites using 120 or more per year – over 200 sites – requires application
- Advantages no inventory investment, no servicing risks, spent batteries picked up at no charge for recycling, diversion from base waste stream
- More info: http://www.dscr.dla.mil/vbcp2/ or contact: D695-5426; D695-3866



Heavy Equipment Procurement Program (HEPP)

Supports the Acquisition of Over 2,400 "Commercial Type" Heavy **Equipment Products**

Multi-award commercial requirement contracts

- **Focus: Tailored Customer** Support
 - Average Administrative Lead Time = 16 Days
 - Optional Ordering System
 - (MIPR or Requisition)
 - Credit Card Ordering
 - Interactive Web Catalogs
 - ★ 1.0% Cost Recovery Rate

Construction Equipment, Material Handling Equipment, Fire Fighting/Rescue Vehicles & **Environmental Products**

OEM's

Customization

₱ 10 Year Contracts
₱ Full Range of Options

Add/Delete Clause

Leveraged Buying





Heavy Equipment Procurement Program

Equipment for environmental functions:

- Balers
- Crushers
- Compactors
- Shredders
- Recycling equipment
- Hazardous storage facilities

POCs: 215-737-7256, DSN 444-7256,

215-737-7283, DSN 444-7283; hepp@dla.mil

http://dscp.dla.mil/gi/general/hepp.htm



Lighting



- Online energy efficient lighting catalog with over 5000 lighting items from 200+ suppliers/manufacturers, such as compact fluorescent, high-pressure sodium, metal halide and low mercury fluorescent
- Projects /Initiatives
 - Tailored Logistic Support Projects for LED vehicle lights, hand-held portable lights and Commercial Lamps
 - Over 100 Long term Contracts
 - Government/Industry Alliance: installation advice, training, new product development; DOE, EPA
- POC: The Lighting Team, 1-800-DLA-BULB



Bio-based Fuels (aka Biofuels)

- Biodiesel, mono-alkyl esters of long chain fatty acids derived from vegetable oils or animal fats IAW ASTM D 6751, for use in diesel engines.
 Most Popular: B20, a blend: 20% biodiesel & 80% low sulfur diesel fuel
- E85, a blend of 85% ethanol and 15% gasoline
- Driven by the Energy Policy Act (EPACT) of 1992 and EO 13149:
 Greening the Government Through Federal Fleet and Transportation Efficiency.
 - Biofuel use reduces regulated exhaust emissions, decreases petroleum imports
 - As of 1999, 75% of new vehicle acquisitions for applicable Federal fleets must be Alternative Fueled Vehicles (AFVs); use of biodiesel (B20) counts towards acquisitions
 - Agencies to decrease petroleum consumption by 20% of year 1999 quantities by year 2005
- DESC worked to establish quality requirements for B20 so fuel works comparable to diesel; recognized with White House award

POC: D427-8359; D427-8354 (Comm 703-767)



Alternative Fuels Information Station

http://www.desc.dla.mil/DCM/DCM Page.asp?pageid=591

- Tutorials now available on:
 - Energy Policy Act Compliance & fleet management programs
 - E85 and Biodiesel (definitions, properties, production, advantages & disadvantages)
 - Synthetic Fuels (definitions, properties, production, advantages & disadvantages)
 - Alternative Fuels Logistics (infrastructure, how to buy, changes needed to handle alt fuels)
- POCs: D427-8359; D427-8354 (Comm 703-767)
- Customer service number 1-(800)-286-7633



DLA Offers Services that are Environmentally-oriented

- Energy support
- Green shopping on EMALL
- "Buying Green" course
- Hazardous Material Information Resource System (HMIRS)
- Hazardous Technical Info Service (HTIS)
- Joint Environmental Material Management Service
- DRMS including electronics demanufacturing
- ODS Reserve



Types of Environmental Services Available to DoD Customers from Defense Energy Support Center

- Funding of recurring environmental compliance costs at Service fuel facilities:
 - Operating fees, coop fees, response plans, waste disposal, sampling and testing
- Funding of environmental projects
 - Environmental compliance projects
 - Spill cleanup projects
- POC: 703-767-8318, D427







Utility Privatization (UP)

- UP leverages private sector financing in order to modernize DoD systems at a cost lower than if the government retained ownership
- Comprised of two contractual actions:
 - Conveyance of the utility system to a private/public owned utility company
 - Utility distribution services contract for up to 50 years
- UP projects correct many environmental Notices of Violations and life safety deficiencies that may otherwise remain un-financed or subject to the availability of funds if retained under DoD ownership
- Contact DESC, 703-767-8150; DSN 427-8150; http://www.desc.dla.mil





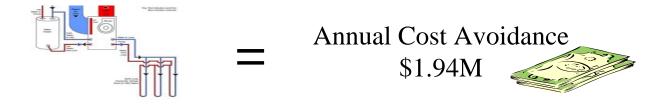


Refurbishment to lift stations



Energy Savings Performance Contracts (ESPCs)

- ESPCs leverage private sector financing for installing energy efficient equipment in DoD facilities IAW 42 USC 8287& Energy Policy Act 2005
- Contractor bears the risk of insuring energy savings are achieved as projected and is only paid if savings materialize
- Government receives modern energy equipment and reduces consumption without capital appropriations such as geothermal heat pumps, central heating plant upgrades, HVAC upgrades, lighting retrofits
- Reduces DOD Dependency on Foreign Oil
- Added Benefit: Reduces Pollution SO2 and NO2
- Contact DESC, 703-767-8451; DSN 427-8451; http://www.desc.dla.mil





Renewable Energy Certificates (REC)

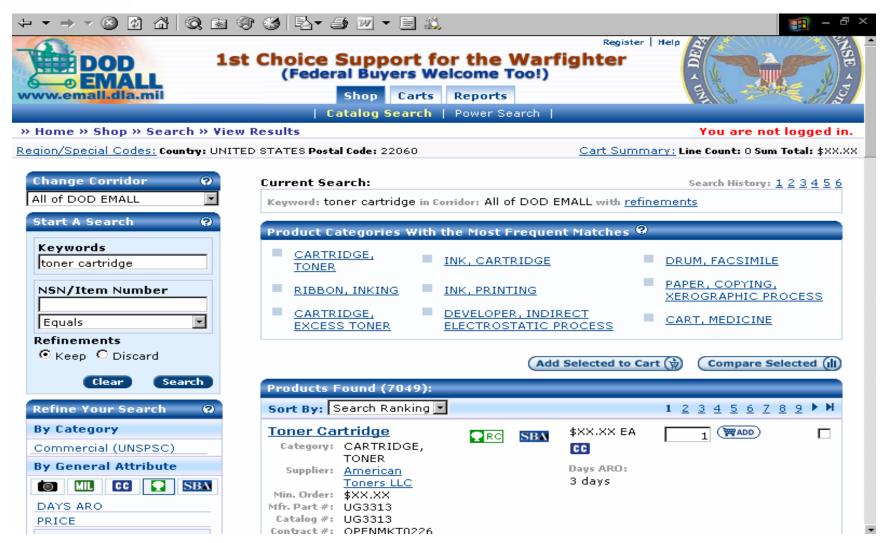
Energy Policy Act of 2005 - Title II - Renewable Energy

- Sec. 203 Federal Purchase Requirements "To the extent economically feasible and technically practicable"
 - Not less than 3% in FY07 through FY09
 - Not less than 5% in FY10 through FY12
 - Not less than 7.5% in FY13 and each year after
- The need to meet short term goals is being accomplished by the purchase of Renewable Energy Certificates (RECs) also known as Green Tags.
 - RECS are not the power itself but represent the environmental attributes of power generated by renewable sources.
 - Can be purchased and used nationally
 - Least cost current means to achieve the goals
 - DESC currently supports DoD, DOE, DOC, IRA, EPA, VA, USPS, NASA
- Contact DESC, 703.767.8669; DSN 427-8669; http://www.desc.dla.mil



EMALL-- DLA's electronic shopping

too (https://emall6.prod.dodonline.net/main/)





Buying Green -A Multifunctional Approach to Pollution Prevention

This 2-day workshop offered by the DLA Training Center (DTC) provides an overview of the Federal pollution prevention initiatives and how they relate to the DoD acquisition process.

Recently approved by the Interservice Environmental Education Review Board (ISEERB)!

- Course Information—Buying Green: A Multifunctional Approach to Pollution Prevention (DCPSO00R750)
- POCs: Workshop Manager; D850-6166



Buying Green Workshop Highlights

- P2 Laws/Executive Orders/Regulations
- Affirmative Procurement Program
- Environmentally Preferred Products
- Life-cycle Costing
- Acquisition Planning
- FAR requirements

See: http://www.hr.dla.mil/dtc/coursecatalog/EPHM/BG.htm



Hazardous Material Information Resource System (HMIRS)

 DoD central repository for Material Safety Data Sheets (MSDS); including foreign language MSDS

 Assists Federal Government personnel who handle, store, transport, use, or dispose of hazardous

materials - EPA, OSHA, DOT

Online web or CD-ROM

 Includes value-added info by Service-agency focal points: HAZCOM warning label & transportation info





Contact info

- Program Manager: Defense Logistics Information Service (DLIS), DSN 661-4472. Focal point for Help Desk support: Customer Service Office, DSN 932-4725 or commercial 1-888-DLA-CALL (352-2255)
- Functional Manager: Defense Supply Center Richmond (DSCR), DSN 695-3518. Provides Hazardous Information Help Desk support: 1-800-848-4847
- http://www.dlis.dla.mil/hmirs/
- also email: HMIRS@dlis.dla.mil



Hazardous Technical Information Services (HTIS)

An advice service for managing hazardous materials or wastes:

- *⋒***Environmental**
- *⋒***Transportation**
- *P* Packaging
- Logistics



Bulletin

₱ Bimonthly, with over 8,000 Recipients

Regulatory Alerts – weekly

Help Line: 800-848-HTIS

HTIS HELP LINES

Monday - Friday: 0730 - 1630 ET

DSN 695-5168 & (804) 279-5168

Voice mail after hours

№800-848-HTIS

FAX: 279-4194

Internet

Mhtis@dscr.dla.mil

// (http://www.dscr.dla.mil/htis/htis.htm)

Links from other DOD/Government Sites

NOT for Emergency Response



Defense Reutilization & Marketing Service (DRMS)

Resource Recovery, Recycling and Disposal

- Qualified Recycling Program (QRP)
- Scrap Disposal
- Hazardous Material Reutilization and Sales
- Return to Manufacturer
- Donation in lieu of Disposal
- Precious Metals Recovery
- Compliant Hazardous Waste Disposal

DOD'S PROVIDER OF CHOICE FOR REUSE, RECYCLING AND DISPOSAL SOLUTIONS -- www.drms.dla.mil



Defense Reutilization & Marketing Service (DRMS)

Pioneer in Electronics Demanufacturing for DoD

- Environmental Protection
 - Electronics scrap sales to general public eliminated
 - Controlled disposal of:
 - Batteries of all types in electronics
 - Mercury switches
 - Heavy Metal content
 - Keeping leaded glass from PC monitors and TVs out of landfills
 - Increased recycling & solid waste diversion
- Ensures property with military capability not

released into commerce



Demanufacturing is an effective method to recycle/dispose of electronic scrap while protecting the environment



Joint Environmental Management Service (JEMMS)

Objectives:

- Improve control throughout lifecycle to disposal
- Provide web-based ordering and asset visibility
- > Reduce Services' retail investment in HM inventory
- > Control HM purchases thru centralized authorized use list
- Automate selection of excess HM as first source of material
- Establish global contract, reducing administrative cost and lead time

JEMMS Concept Definition:

JEMMS is an End-to-End supply chain model for industrial hazardous materiel (chemicals, paints, batteries, oils, cylinders). JEMMS provides logistical support that improves environmental, safety, and health compliance at lower total lifecycle costs. JEMMS truly represents an evolution from individual service to joint, regional support

POC: 703-767-3488



The DoD Ozone Depleting Substances Reserve – at Defense Supply Center Richmond





ODS Reserve Program Guidance

- Halon and Refrigerant Recycling Program Supporting Major Weapons Systems
- Details and Guidance Provided on Web Site -

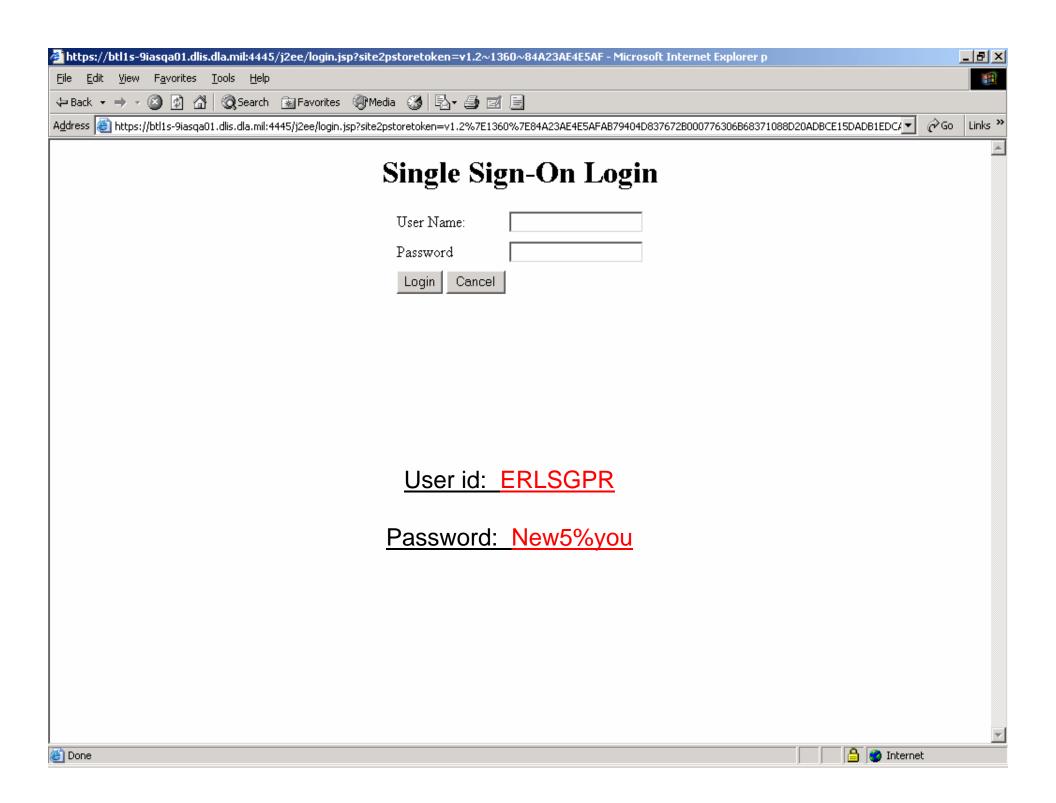
https://www.denix.osd.mil/denix/Public/News/DLA/ODS/tpreface.html

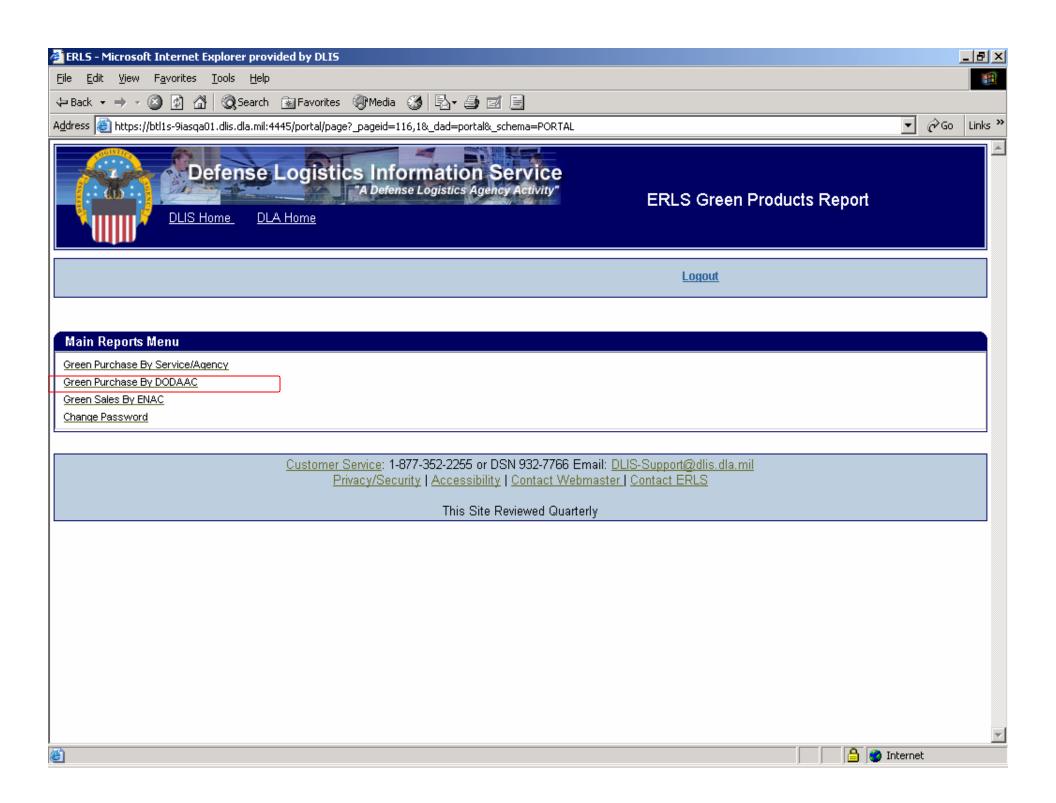
- Turn Ins Mandatory Local Disposal or Sell Prohibited
- Outside of U.S. -- Individual Country Laws and Regulations Continue to Evolve
- Contacts: Phone: 804-279-5203 or 4525; also email: odsreserve@dscr.dla.mil

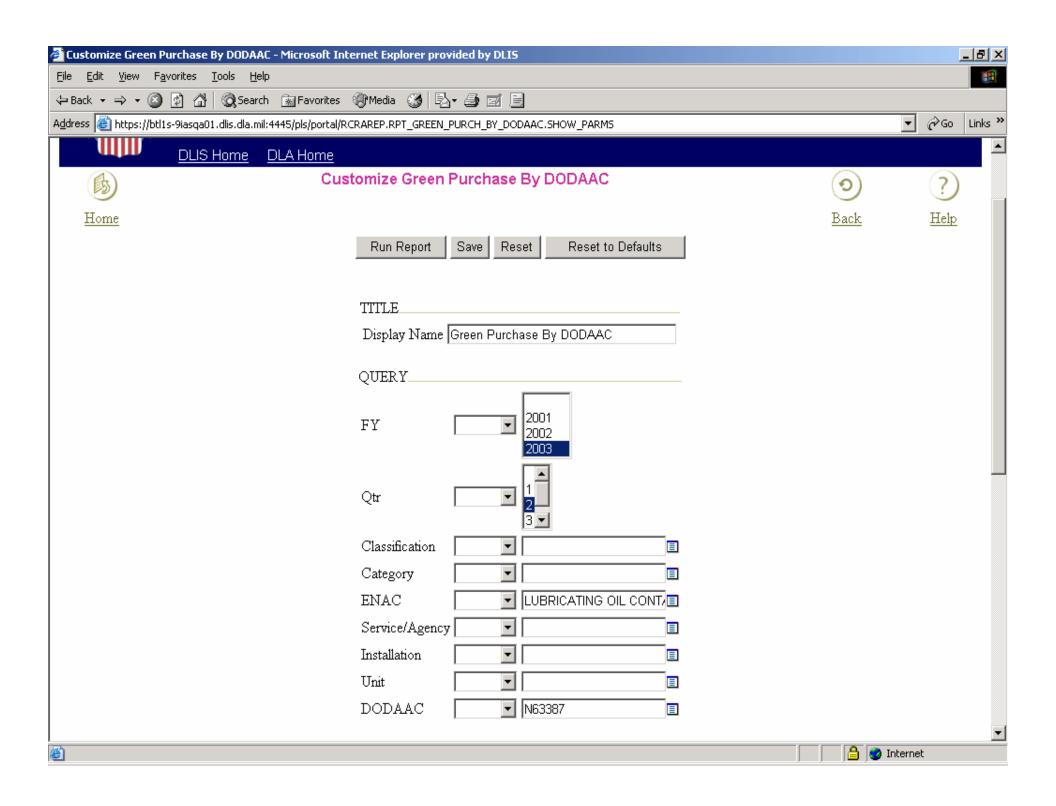


DLA Environmental Reporting Logistics System (ERLS) Website Tool

- Green Procurement Report to help manage & report green procurement at Service/Agency, installation or unit level
- Included in OSD Green Procurement Program metrics
- Website location <u>www.dlis.dla.mil/erlsgpr</u>
- Established a joint DoD functional group to review/approve system changes









	FY	Qtr	Classification	Category	ENAC	Service/Agency	Installation	Unit	DODAAC	\$ Green	\$ NonGreen	\$ Total	% Green
	2003		COMPREHENSIVE PROCUREMENT GUIDELINE	VEHICULAR PRODUCTS		UNITED STATES NAVY	SAN DIEGO CA		N63387	6443.60	0.00		100.0
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What are the ENACs...

...and the Environmental Attributes....

...and where do they come from?



DLA's Environmental Attribute Initiative

- Environmental Attribute Codes (ENAC) for NSN items in the Federal Logistics Information System (FLIS)
- Signifies that a product meets strict, definable environmental standards and criteria from an approved certifying organization
- Currently applied to roughly 7000 items managed by DLA and GSA



Environmental Attributes, continued

- DLA formed and chairs a Joint Group on Environmental Attributes (JGEnvAtt) to seek out and evaluate clearly definable environmental product criteria or 'attributes' from recognized environmental organizations
- JGEnvAtt process: Identify, evaluate and through a consensus building process, approve Environmental Attributes or criteria to be applied to products in the FCS.
 - -- Voting Members: DLA, Army, Navy, Air Force, Marine Corps, GSA
 - Advisors: EPA, USDA, DOE, OSD



Environmental Attributes approved by the JGEnvAtt

- Recycled Content
- Energy Efficient
- Water Conserving
- Low VOC Content
- Low Standby Power
- Asbestos Alternative
- Mercury Alternative (new!)



Environmental Attributes approved by the JGEnvAtt, with detail

- Recycled Content-- products that meet or exceed the specific product CPG:
 <u>Comprehensive Procurement Guideline Recovered Materials Advisory Notices</u>

 (RMAN) as outlined on the <u>EPA website</u>.
- Energy Efficient -- products that meet <u>DOE Energy-Efficient Products Standards</u> -products in the top 25 percent of energy efficiency for all similar products, or at least
 10% more efficient than required by DOE standards, or meets efficiency criteria of the
 EPA/FDOE Energy Star label.
- Water Conserving -- <u>Plumbing fixtures that meet or exceed the Department of Energy (DOE) Federal Energy Management Program (FEMP)</u> recommended performance standards for flow rates, and are in the upper 25% of energy efficiency of that product group.
- Low VOC Content any product that meets the VOC content requirements established in the California South Coast Air Quality Management Source Specific Standards
- Low Standby Power -- products that use minimal power when in a <u>Low Standby</u> mode, as outlined in <u>Executive Order 13221</u> as listed in the <u>Department of Energy</u> Federal Energy Management Program (FEMP) listing of Standby Power Devices
- Asbestos Alternative -- replacement for a product that normally contains asbestos and has less than 1.0 percent asbestos by weight or area (as determined using EPA Test method



DLA Green Procurement Program website (http://www.dlis.dla.mil/green/)





Summary

- Continued attention to environmental responsibilities; increased attention to advantages of green procurement
- Many ways that DLA can help customers satisfy their obligations
- POCs available to assist across DLA
- Your feedback is important



Questions?

Ask now or call me later!

Karen Moran, HQ DLA, DES-E

Environment & Safety

DSN 427-6237

703-767-6237

karen.moran@dla.mil