

STEP

Status Tool For The Environmental Program



U. S. Army, Joint Munitions Command (JMC) Installations

Report Documentation Page				Form Approved OMB No. 0704-0188	
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AGENDA

- Decision Sciences Inc. (DSI)
 - ✓ Background
 - ✓ Customers
- Status Tool For The Environmental Program (STEP) for JMC
 - ✓ What is STEP?
 - ✓ Why STEP?
 - ✓ Timeline
 - ✓ Roles & Responsibilities
 - ✓ Main Page
 - ✓ Functional Elements
 - ✓ Project Detail Page
 - ✓ Reports Page
 - ✓ Next Generation Possibilities
 - Geographic Information System (GIS) Mapping
 - Dashboard Technology

DSI - BACKGROUND

DSI Locations



Fort Walton Beach, FL



Rock Island, IL

Core Competencies

Computer Engineering & Science	3D Data Modeling & Simulation
Software Engineering/IT	Advanced Web-based Programming
Data Collection & Analysis	Interactive Multimedia Training Program
Manufacturing Systems	Operations & Maintenance
Operations Research	Industrial Base Applications

Personnel Strengths

Smithsonian Honoree	PhDs & Masters
Advanced Technical Degrees	Operating System Certification
Oracle Database Certification	Subject Matter Expert
CompTIA Certification	DoD Info Assurance Tech Certification

Expertise

IT Architecture, Engineering, and Equipment	Database Design/Development/Management
Systems Management	Web-based Application Programming
Cost & Risk Analysis	Operations & Maintenance
Chemical Engineering	Operations Research/Studies & Analysis
Logistics	Manufacturing/Industrial Base/Ammunition Systems
LEAN SIX SIGMA	Process Methodologies

DSI - CUSTOMERS



US Air Force

- Air Force Research Laboratory
- 46th Range Support



US Army

- Joint Munitions Command (JMC)
- Program Executive Office for Ammunition (PEO Ammo)
- Tank and Automotive Command (TACOM)



US Marine Corps

- USMC Program Manager for Ammunition (PM Ammo)

Raytheon

Commercial

- Raytheon Missile Systems
 - Tomahawk Cruise Missile
 - Paveway Missile System
 - Evolved Sea Sparrow Missile

WHAT IS STEP?



STEP - STATUS TOOL FOR THE ENVIRONMENTAL PROGRAM



**Secure Dynamic Web Based Application for Army
Environmental Requirements**

**Tracks & Standardizes "All" Environmental
Program Requirements**

Managed & Resides at Headquarters, JMC

Integrated Process Team (IPT) Driven

WHY STEP?

- Provides Most Current Information Available, Application Access is 24/7
- Promotes Roles & Responsibilities (Seven Levels Of Functionality)
- Extremely Versatile And Detailed, Easy To Use *(Based On Feedback From Installation Users)*
- Provides A Standard Nucleus That Can Support “All” Army Installations To Include “Special Installations” Such As The Army Ammunition Plants
 - ✓ Captures “All” Funded And Non-Funded Environmental Requirements And Contingencies In Project Form Such As Mission Related Requirements/Projects Resulting From But Not Limited To:
 - The Lifecycles Of Explosives And Propellants Manufacturing and Disposal
 - The Waste Streams Of Explosives, Propellant, And Metal Manufacturing Processes
 - Production Modernization
 - Unexpected Requirements Such As HAZMAT Spills
 - Demolition
 - **Possible Project Types Are Limitless**
- Easy Integration With The JMC Industrial Base Assessment Tool (IBAT)
- Can Easily Select The OMA Projects And Provide The Most Current Information To DA, AMC, IMCOM, and/or AEC On A Moment’s Notice
 - ✓ Outstanding Resource and Time Savings

STEP TIMELINE

CONTINUOUS WEEKLY IPT MEETINGS



STEP ROLES & RESPONSIBILITIES

Level 7

- **Installation View Only** - Person(s) with Read only access for “ALL” projects/data for his/her installation only.

Level 6

- **Installation Environmental Manager (IEM)** - Person(s) that have read/write access to submit new and edit installation projects for only their specific installation.

Level 5

- **Installation Approval Authority** - Person(s) who have the authority to prioritize and approve projects for only their specific installation.

Level 4

- **JMC Project Manager (PM)** - Person(s) that can edit installation projects based on a specific program and/or submits new HQ & installation projects.

Level 3

- **JMC Division Chief** - Person(s) that have read/write access and HQ project approval authority.

Level 2

- **Administrator** - Person(s) that have read/write access to most aspects of the system. He/she will provide maintenance and support of the web-based application.

Level 1

- **HQ View Only** - Anyone who needs Read-Only access to the data for “ALL” projects, i.e., JMC Command, AMC Command & staff, DA Command & Staff, etc.

STEP – MAIN PAGE

Welcome User Level 2 TX Ha (Administrator - Level 2) [Logout](#) [Help](#)

STEP – STATUS TOOL FOR THE ENVIRONMENTAL PROGRAM For Official Use Only

PROJECTS ▼ REPORTS ▼ UTILITIES ▼ REFERENCES ▼

STEP -> View Projects

[View Filter](#)  

Installation Name	Project Number	Name	Pillar	Status	Current Level	Local Priority
AMC Afloat	AMCAF-09-C02	AMCAF email test 9 level 6 SC	Compliance	PEN	Level 5 - Installation Approval Authority	1
AMC Afloat	AMCAF-09-C04	SC Funding Test With CAT	Compliance	PEN	Level 2 - Administrator	
AMC Afloat	AMCAF-09-C05	My Test ProjCat-CMP-NRSM-ESAF 1	Compliance	PEN	Level 2 - Administrator	
AMC Afloat	AMCAF-09-C06	Test Project at Level 6	Compliance	PEN	Level 5 - Installation Approval Authority	
AMC Afloat	AMCAF-09-C07	Test 1 Project Catalog AMC Funding Test	Compliance	PEN	Level 2 - Administrator	
AMC Afloat	AMCAF-09-C08	test funding	Compliance	PEN	Level 2 - Administrator	
AMC Afloat	AMCAF-09-C09	THA Test Project at AMC	Compliance	PEN	Level 2 - Administrator	5
AMC Afloat	AMCAF-09-C10	THA Project Test #2 7.29.09	Compliance	PEN	Level 3 - JMC Division Chief	
AMC Afloat	AMCAF-09-C11	Project Testing on Approve Project Proc- Level 6	Compliance	PEN	Level 5 - Installation Approval Authority	2
AMC Afloat	AMCAF-09-C12	level 6 Project 7.30.04	Compliance	PEN	Level 5 - Installation Approval Authority	

217 Project(s)

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NOTE: All Data Illustrated In The STEP Slides Is “Fictional” Data That Was “Used For Test Purposes Only”

STEP – FUNCTIONAL ELEMENTS



USER ID → Welcome User Level 2 TX Ha (Administrator - Level 2)

LOGOUT & HELP HYPERLINKS For Official Use Only

STEP – STATUS TOOL FOR THE ENVIRONMENTAL PROGRAM

PROJECTS **REPORTS** **UTILITIES** **REFERENCES**

STEP -> View Projects

VIEW FILTER HYPERLINK → View Filter

DROP DOWN MENUS → PROJECTS, REPORTS, UTILITIES, REFERENCES

MESSAGE CENTER → Message Center icon

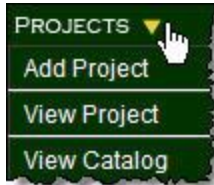
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AMC Afloat	AMCAF-09-C05	My Test ProjCat-CMP-NRSM-SAF 1	Compliance	PEN	Level 2 - Administrator	
AMC Afloat	AMCAF-09-C06	Test Project at Level 6	Compliance	PEN	Level 5 - Installation Approval Authority	
AMC Afloat	AMCAF-09-C07	Test 1 Project Catalog AMC Funding Test	Compliance	PEN	Level 2 - Administrator	
AMC Afloat	AMCAF-09-C08	Test funding	Compliance	PEN	Level 2 - Administrator	
AMC Afloat	AMCAF-09-C09	THA Test Project at AMC	Compliance	PEN	Level 2 - Administrator	5
AMC Afloat	AMCAF-09-C10	THA Project Test #2 7.29.09	Compliance	PEN	Level 3 - JMC Division Chief	
AMC Afloat	AMCAF-09-C11	Project Testing on Approve Project Proc- Level 6	Compliance	PEN	Level 5 - Installation Approval Authority	2
AMC Afloat	AMCAF-09-C12	Level 6 Project 7.30.09	Compliance	PEN	Level 5 - Installation Approval Authority	

PROJECT NUMBER HYPERLINK → [AMCAF-09-C12](#)

DISPLAY WINDOW → 217 Project(s)

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STEP – PROJECT DETAIL PAGE



Welcome Alice Martin (Installation Environmental Mgr - Level 6) [Logout](#) [Help](#)

STEP - STATUS TOOL FOR THE ENVIRONMENTAL PROGRAM

PROJECTS ▾ REPORTS ▾ UTILITIES ▾ REFERENCES ▾

STEP -> View Projects -> View/Edit Project

> VIEW / EDIT PROJECT

◀ Previous Next ▶ Bottom ▾

Current Status of the Project: PEN - Level 6 (Installation Environmental Mgr)

Installation: 52638IAAAP39 - Iowa Army Ammunition Plant ▾	Read-Only Info:
Project Name: Global Habitat Research	INSNO: 52638IAAAP39
P2? ☐	State: IA ▾
Pillar: CNS - Conservation ▾	Catalog#: ☒ View Catalog
Law/Reg: NRSM - Natural Resources Management ▾	Project #: IAAAP-09-N02
Program Area (ECAT): ESAF-Endangered Species Act (Federal) ▾	
Progress code: PP - Preliminary Planning Non recurring ▾	Discontinue Date:
Compliance status: TRNG - Essential Training/Education ▾	Compliance Date:
Class: 0 ▾ Must Fund: Yes ▾ Assessment: High ▾	
Contact Name: Alice Martin ▾	Contact Phone: 238-555-5296
Created By: Alice Martin	Created Date: 8/4/2009
Modified By:	Modified Date:

Narrative: (Max 3000 characters)

Duckbilled Platypus, North American Wolfhound and the Ringed Jumping Spider.

NOTE:
All User And/or
POC Information Is
"Fictional" Data
That Was "Used For
Test Purposes Only"

Also, looking into any migration pattern disturbances.

Additional Info:
(Max 2000 characters)

Comments History:
(Read Only)

PEN on 8/4/2009 2:13:27 PM by Alice Martin (Level 6 - Installation Environmental Mgr)
Comments:

Click here to Add / Edit / View Funding Information View Project History Previous FY Data

Review Save Close Approve Disapprove Print Top ▲

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In Addition To The Form Fields, Any/All Supporting Documentation Can Be Uploaded And Attached Such As NOV's, Drawings, MS Office Documents, Etc.

STEP – USER REPORTS



Welcome Earl Fox ([Project Manager - Level 4](#)) [Logout](#) | [Help](#)

STEP – STATUS TOOL FOR THE ENVIRONMENTAL PROGRAM For Official Use Only

PROJECTS ▼ REPORTS ▼ UTILITIES ▼ REFERENCES ▼

STEP -> [Reports](#) -> User

✧ STEP REPORTS

Installation: Project Number: Fiscal Year:

✧ USER REPORTS

- ✧ 1. [Active Users](#)
- ✧ 2. [Inactive Users](#)
- ✧ 3. [Users By Security Levels](#)

✧ PROJECT REPORTS

- ✧ 1. [Approved Projects](#)
- ✧ 2. [Disapproved Projects](#)
- ✧ 3. [Projects Over Amount: \\$](#)
- ✧ 4. [Projects By Assessment](#)
- ✧ 5. [Single Project](#)
- ✧ 6. [Obligated Projects](#)
- ✧ 7. [Pending Projects](#)
- ✧ 8. [Projects Funding](#)
- ✧ 9. [Crosstab Report](#)

✧ FUNDING REPORTS

- ✧ 1. [Funding Audit Trail Listing](#)
- ✧ 2. [Total Required Dollars](#)
- ✧ 3. [Total Committed Dollars](#)
- ✧ 4. [Total Funded Dollars](#)
- ✧ 5. [Total Obligated Dollars](#)
- ✧ 6. [UFR Report](#)

✧ MISC. REPORTS

- ✧ 1. [Email Messages](#)
- ✧ 2. [Catalog By Pillars](#)
- ✧ 3. [Projects Queue](#)

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All Reports Can Be Exported To MS Excel (.xls) & Portable Document Format (.pdf)

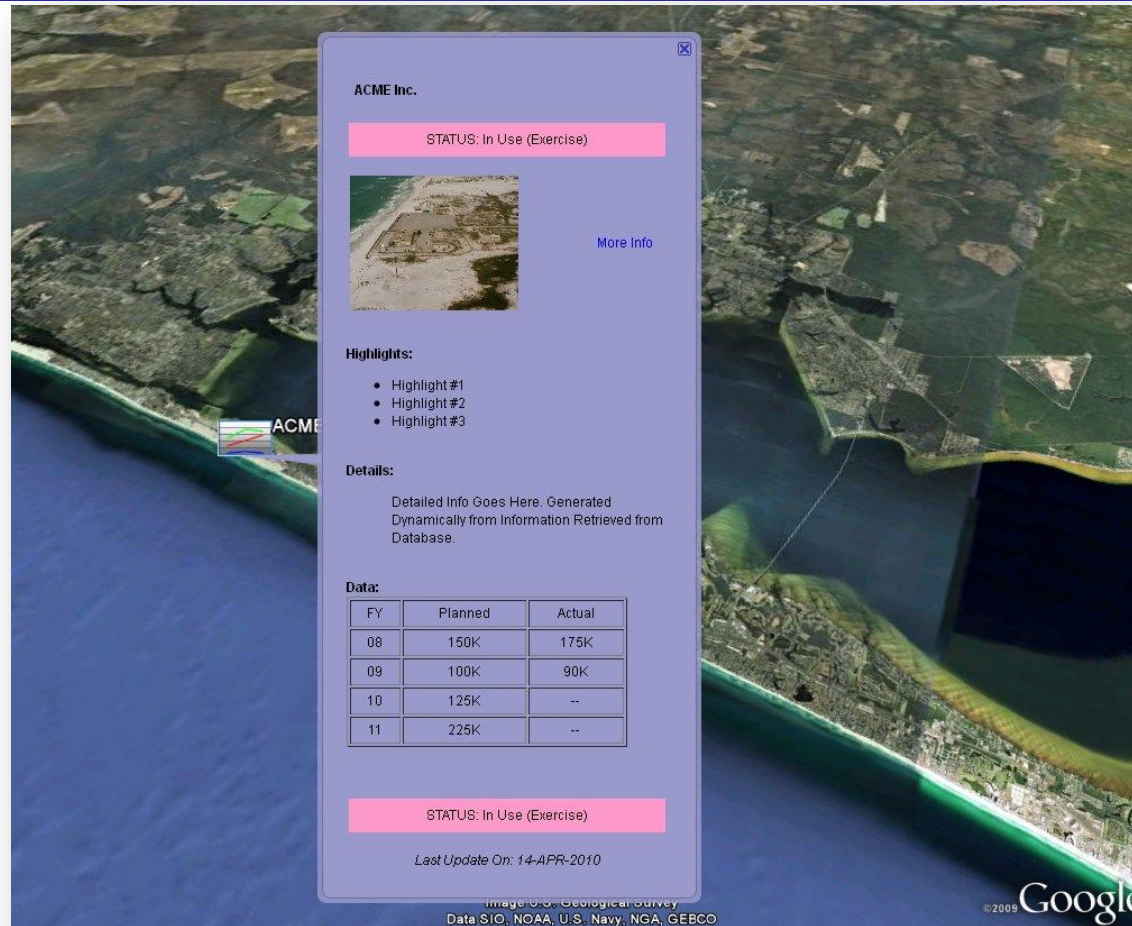


- IMCOM and AEC GIS Standard
- Current Release - Version 2.0
- Available To All Army AKO Account Holders
- Uses Google Maps
- Environmental Layers Are Defined



STEP - NEXT GENERATION POSSIBILITIES

GIS MAPPING (Cont.)

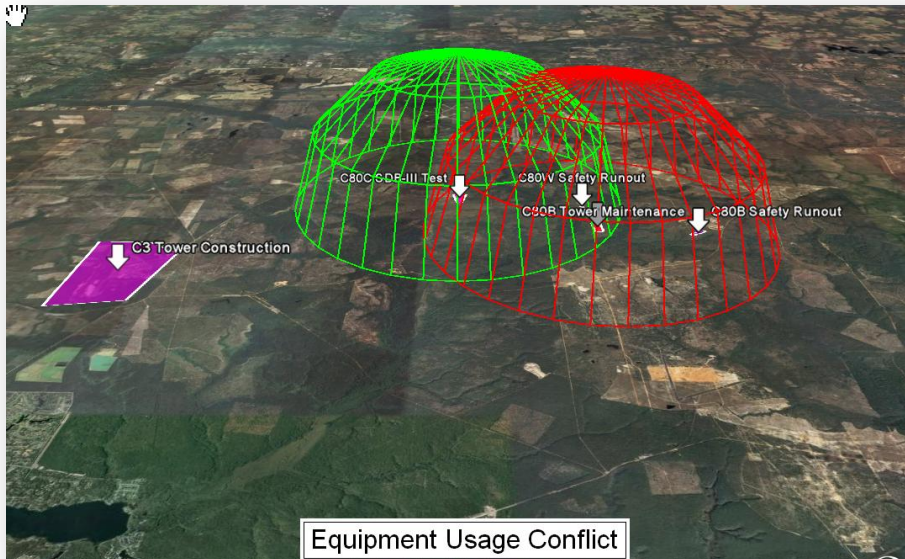


Easily Illustrate Company and/or Project Information

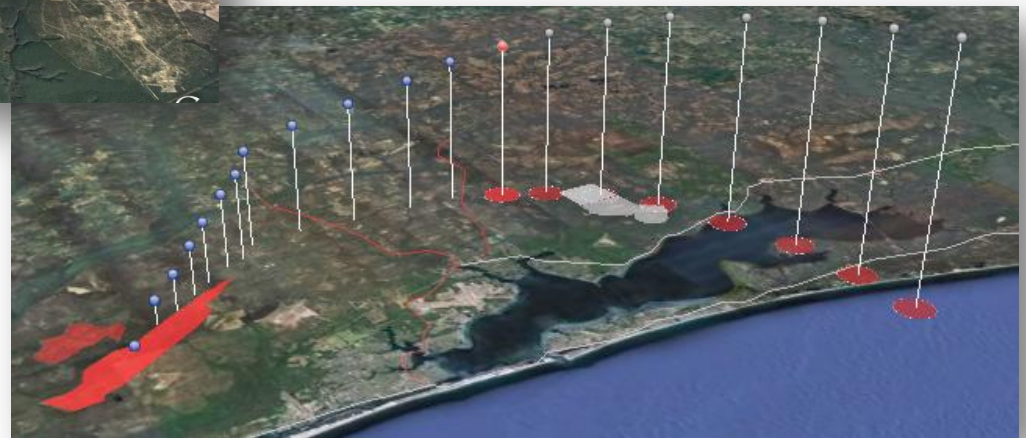
STEP - NEXT GENERATION POSSIBILITIES

GIS MAPPING *(Cont.)*

Time-based/Situational Status Updates



- Illustrate Status Over A Period Of Time
- Highlight Spatial Conflicts Or Encroachments
- Discover Conflicts In Planned And Simulated Scheduling
- Verify Transit Times, Road Closures, Equipment/Personnel Locations



STEP - NEXT GENERATION POSSIBILITIES DASHBOARD TECHNOLOGY



Dashboards Allow Managers To Manipulate Vast Volumes Of Data Into Easily Understandable Graphical Formats Such As Graphs, Pie Charts And Gauges

SUMMARY



Secure System With Unlimited Access For Growth And Adaptability



Designed To Allow Ease Of Access & Captures "ALL" Environmental Requirements (*Including MISSION*)



Improved Quality And Efficiency Of Projects Submitted



Available 24/7, Immediate Access To The Most Current Information Available

QUESTIONS?



JMC STEP APPLICATION