



TACOM LCMC IB and DMSMS Mitigation

Source: RANDAL GAEREMINCK, ASSOCIATE DIRECTOR

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- Introductions
- Purpose
- Automation Alley Contract
- TACOM Industrial Base Visibility and Communication
Tool description and demonstration
- TACOM Industrial Base Trend / Risk Analysis
- Sustainment Engineering Risk Assessment (SERA)
- Summary/Questions



Purpose



- Provide an overview of the new Industrial Base and DMSMS mitigation tools and capability
- Demonstrate the TACOM Industrial Base Visibility and Communication Tool
- Review the TACOM Industrial Base Trend / Risk Analysis
- Provide an overview of the Sustainment Engineering Risk Assessment (SERA) objective, process, and benefits





TACOM LCMC Industrial Base Integration Team (IBIT)



Testing, Verification and Validation

Operational Impact Analyses

Reverse Engineering

Strategic Materials

DMSMS Management & Operation

Tracking of Bills of Material and Technical Data Packages

Industrial Capability Assessments

Defense Priorities Allocation System

Industrial Labor Relations

Production Readiness Review

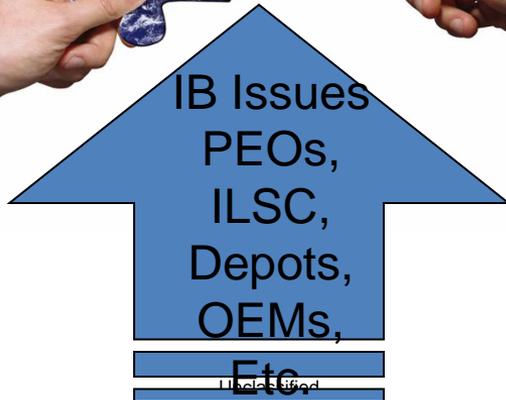
Surge and Contingency Operations

Committee on Foreign Investment in the United States (CFIUS)

One Team
One Vision

Industrial Base Engineering Team IBET

Industrial Base Management Group IBMG





Diminishing Manufacturing Sources and Material Shortages



- Automation Alley, Michigan's largest technology business association, is currently on contract with TARDEC to provide industrial base support for the TACOM LCMC Diminishing Manufacturing Sources and Material Shortages (DMSMS) program
- The contract with Automation Alley has created a capability to establish commercial industrial base visibility and communicate TACOM LCMC requirements with companies across the United States
- Similar to STS work directive-based contract



Diminishing Manufacturing Sources and Material Shortages



- Repair part analysis and data mining capability for families of vehicles.
- Manufacturing/Industrial base capability, trend, and risk knowledge
- Reverse engineering and administration to provide replacement parts and Technical Data Packages (TDPs)
- Locating and vetting suppliers for specific components or manufacturing technology
- Industrial Base Visibility and Communication tool – manufacturer's contact information and integrated email communication capability
- Prototype demonstration and test planning and support
- Technical competencies in many mechanical/electrical areas



- WD001 – Program Management
- **WD002 – Industrial Base Visibility and Communication Tool**
- WD003 – High Purity Aluminum Electroplating Sources
- WD004 – Industrial Base Office Sector Study
- WD005 – Transducer Sources
- WD006 – Valve Sources
- WD007 – DMSMS Case Analyses
- **WD008 – TACOM Bi-Annual Industrial Base Trend/Risk Analysis**
- **WD009 – TACOM LCMC Legacy Vehicle Sustainment Studies**
- WD010 – Replacement of Cadmium Hex-Chrome plated material on TACOM LCMC equipment



Industrial Base Visibility and Communication Tool



Objective:

- Create, update, and maintain Industrial Source access to support the Diminishing Manufacturing Sources and Material Shortages (DMSMS) effort.
- Identify current TACOM sources and potential industrial supply base sources to provide a maximum number of available options to resolve DMSMS issues.
- Analyze trends and risks associated with the U.S. commercial industrial base.

Linking TACOM LCMC requirements to Industrial Base Capabilities

salesforce.com - Enterprise Edition - Mozilla Firefox

https://na11.salesforce.com/home/home.jsp

VerticalResponse for AppExchange 'cloud' storage

Home Companies Leads Contacts Campaigns Reports Dashboards VR Email VR Postcard VR Statistics Jigsaw 4-Digit FSC Codes

There are updates available for your computer. [Click here](#)

Create New... Dan Raubinger August 22, 2011

Recent Items

- Battelle Memorial Institute
- Battelle Memorial
- Battelle Memorial Institute
- Lastar Inc
- BAE SYSTEMS LAND & ARMAMENTS, L.P.
- IC-227868
- IC-227867
- IC-227866

Custom Links

Messages and Alerts

Dashboard Refresh

Last refreshed at 8/18/2011 4:27 PM. Displaying data as DMSMS.

All Companies

Record Count: 20,079 / 30,000

All Companies by Original Source

Original Source	Record Count
Automation Al...	5
Business Car...	808
DC3	407
DLA	198
Hoovers	539
Metal Coating...	2,898
NDIA	15
SAE	1,671
SBA	819
TACOM	2,091
Web Portal	151

All Companies by SOURCE

Automation Alley:	871
Metal Coating Companies:	3,698
DC3:	386
DMSMS Portal:	192
Business Card / Trade Show:	525
SAE:	1,980
SBA:	987
TACOM:	2,742
DLA:	10,472

>20,000 companies

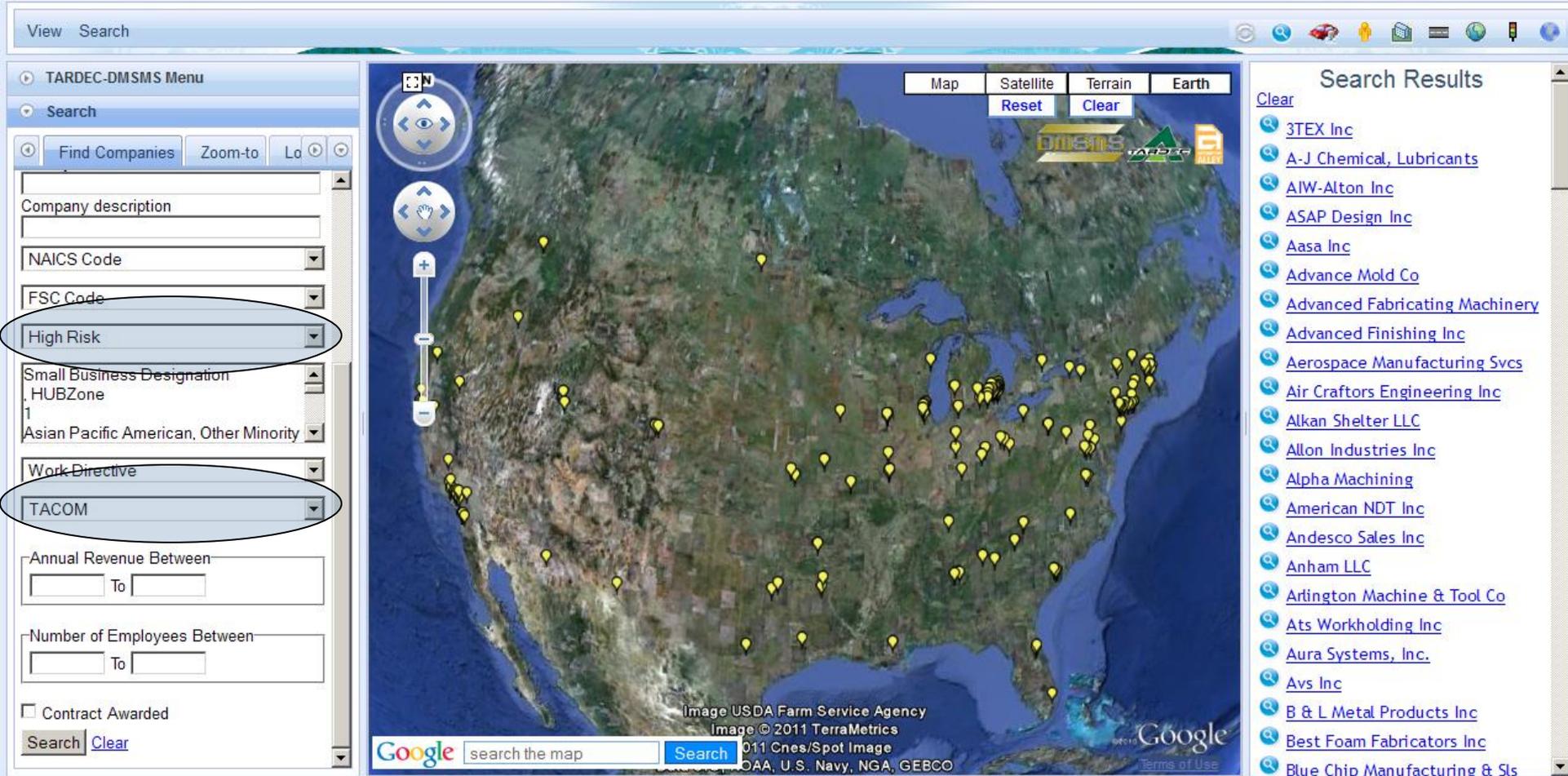
~1,700 automotive companies

https://na11.salesforce.com/_ui/core/userprofile/UserProfilePage

Start Outreach Presentatio... Microsoft PowerPoint ... Inbox - Microsoft Outl... salesforce.com - Ente... 1:03 PM

Geographical View of Suppliers

LunaTech Designs Google Earth plug-in



View Search

TARDEC-DMSMS Menu

Search

Find Companies Zoom-to Lo

Company description

NAICS Code

FSC Code

High Risk

Small Business Designation

HUBZone

Asian Pacific American, Other Minority

Work Directive

TACOM

Annual Revenue Between

Number of Employees Between

Contract Awarded

Search Clear

Map Satellite Terrain Earth

Reset Clear

Search Results

Clear

- 3TEX Inc
- A-J Chemical, Lubricants
- AIW-Alton Inc
- ASAP Design Inc
- Aasa Inc
- Advance Mold Co
- Advanced Fabricating Machinery
- Advanced Finishing Inc
- Aerospace Manufacturing Svcs
- Air Craftors Engineering Inc
- Alkan Shelter LLC
- Allon Industries Inc
- Alpha Machining
- American NDT Inc
- Andesco Sales Inc
- Anham LLC
- Arlington Machine & Tool Co
- Ats Workholding Inc
- Aura Systems, Inc.
- Avs Inc
- B & L Metal Products Inc
- Best Foam Fabricators Inc
- Blue Chip Manufacturing & Sls

Industrial Base Trend/Risk Analysis

- Health and Risk Analysis of TACOM Industrial Base sorted by the 489 Federal Supply Classes.
- Evaluation Criteria used
 - Number of companies per FSC
 - Financial Health
 - Trends
- Bi-Annual Assessments

Cage_FSC_Database Query Final_6_21 : Database (Access 2007) - Microsoft Access

Home Create External Data Database Tools Add-Ins

Final_Query Cage_SM_Business SFRM_FSC_Cage_FRisk_SmB_Src

FSC: 5341 Select an FSC: 5341

Description: Brackets

Total # of CAGE Codes: 1

Total # of Small Business: 0

ICP_Code: Not Available

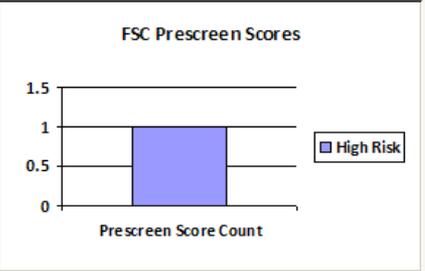
City: Not Available

CAGE Code Breakdown:

Count of Financial Risk Scores

High_Risk:	1
Medium_Risk:	0
Low_Risk:	0
Not_Available:	0

FSC Prescreen Scores



Click to see Chart

FSC: 5341	Small Business Classifications										TACOM Databases		DLA Databases			
Cage Number:	Company Name:	Prescreen Score:	HUB_Zone_XX	SDV_QF	Self_Cert_SDB_27	SBA_Cert_SDB_A4	8(a)_A6	VOB_A5	WO_A2	AbilityOne_A7	Natick	Rock_Island	Warren	Natick	Rock_Island	Warren
1U339	LABARGE PRODUCTS INC.	High Risk	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>								

Record: 14 | 1 of 1 | No Filter | Search

Record: 14 | 256 of 489 | No Filter | Search

Form View

Start | draft report | Inbox - Micro... | chambers: vie... | Microsoft Acc... | TARDEC Indus... | W56HZV-09-C... | 5:49 PM

Industrial Base Trend/Risk Analysis

Cage_FSC_Database Query Final_6_21 : Database (Access 2007) - Microsoft Access

Home Create External Data Database Tools Add-Ins

Final_Query Cage_SM_Business SFRM_FSC_Cage_FRisk_SmB_Src

FSC: 1915 Select an FSC: 1915

Description: Cargo and Tanker Vessels

Total # of CAGE Codes: 4

Total # of Small_Business: 0

ICP_Code: Not Available

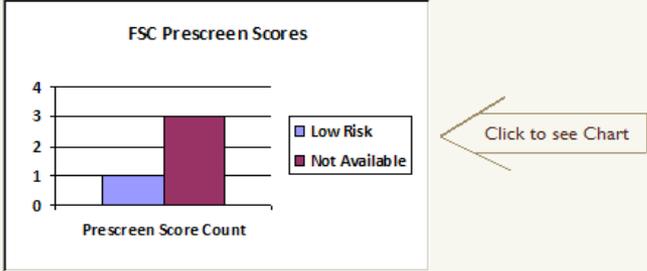
City: Not Available

CAGE Code Breakdown:

Count of Financial Risk Scores

High_Risk:	0
Medium_Risk:	0
Low_Risk:	1
Not_Available:	3

FSC Prescreen Scores



Click to see Chart

FSC: 1915

Cage Number:	Company Name:	Prescreen Score:	Small Business Classifications										TACOM Databases		DLA Databases			
			HUB_Zone_XX	SDV_QF	Self_Cert_SDB_27	SBA_Cert_SDB_A4	8(a)_A6	VOB_A5	WO_A2	AbilityOne_A7	Natck	Rock_Island	Warren	Natck	Rock_Island	Warren		
36232	LINCOLN ELECTRIC HOLDINGS INC.	Low Risk	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3B213	HALTER MARINE INC.	Not Available	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
81349	MILITARY SPECIFICATIONS	Not Available	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
81996	U S ARMY AVIATION AND MISSILE	Not Available	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Record: 1 of 4

Record: 60 of 489



Escalating Support Challenges



- Increasing O&S requirements (65-80% of Life Cycle Cost)
- Equipment condition due to deployments (Degradation)
- Obsolescence of Army systems due to age (25-40 yrs)
- Loss/change of manufacturing sector for COTS (Support Strategy Risk)
- Inconsistent lifecycle sustainment policy & planning (Organic vs. CLS vs. TDPs?)
- Inconsistent engineering/design influence for sustainment (Poor Lifecycle Planning)
- Stove-piped industrial base issue investigation & resolution (ILSC & PM vs. LCMC)
- Negative economic trends impacting commercial industrial base (Industrial Base Risk)
- Environmental and safety impacts (e.g., cadmium, asbestos, Pb-free electronics)

Result = Increase in Reactive Support Issues

Solution = Proactive Logistics Engineering Support



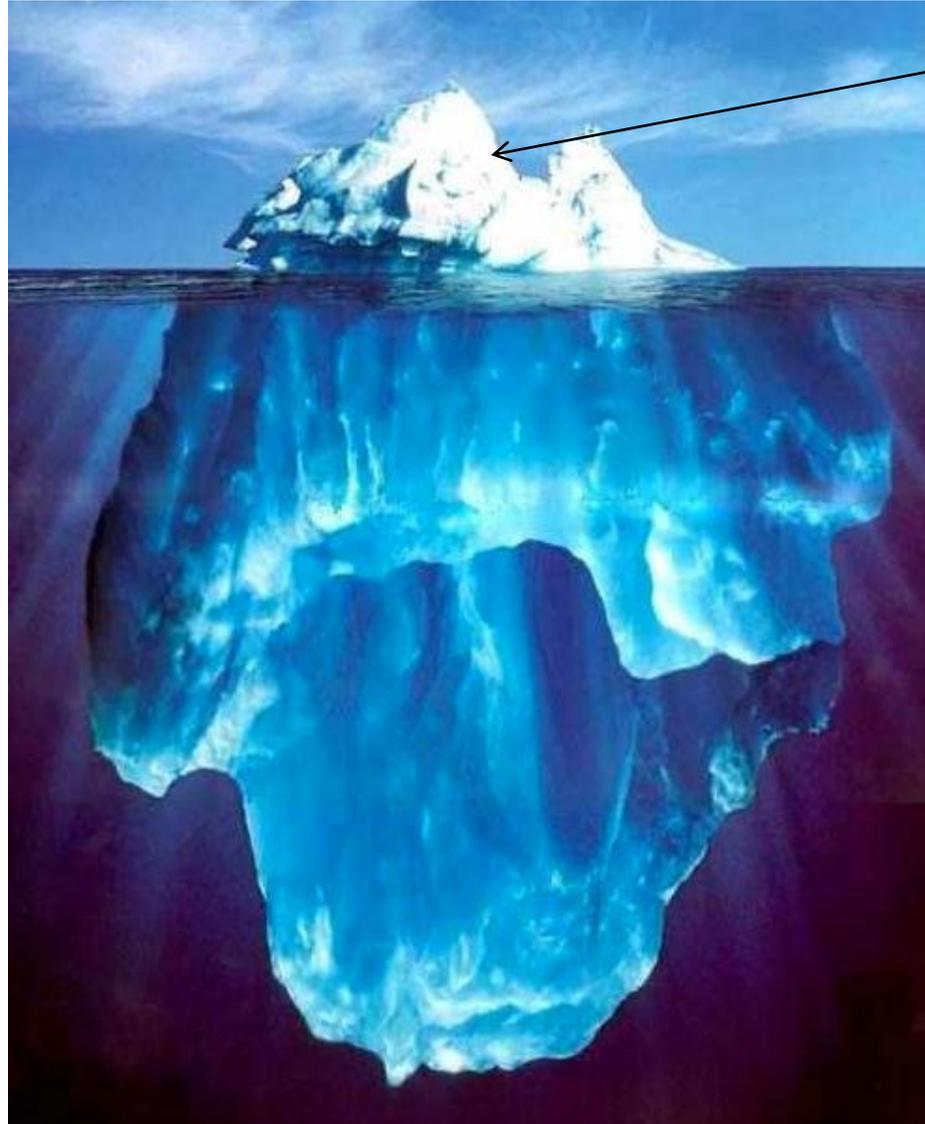
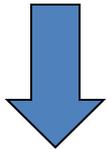
Reactive vs. Proactive



REACTIVE



PROACTIVE



- Backorders
- DLA 339s
- Shortages
- Obsolescence
- Etc.

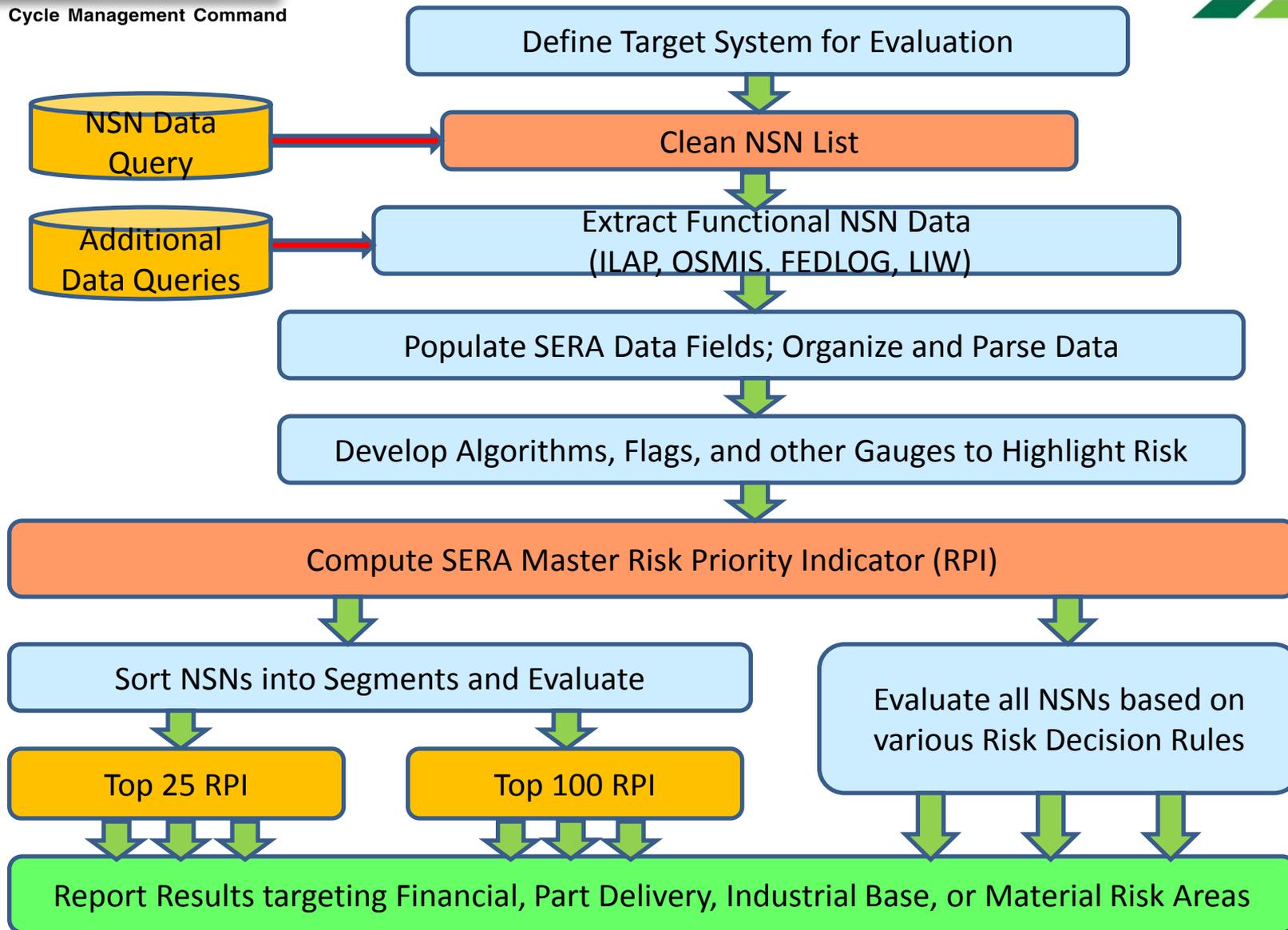
Utilize methods (SERAs) to identify and prevent reactionary measures



- Proactively evaluate equipment data and identify industrial base related obsolescence and sustainment risk.
 - Leverage all existing available data (support strategy, usage, organic, and commercial).
 - Identify and document evidence of system, platform, or vehicle level obsolescence.
 - Provide platform or equipment managers factual documentation necessary to forecast resources via Army Working Capital Fund (AWCF), Sustainment System Technical Support (SSTS), and plan corrective actions and material change efforts.
 - Support AR 700-127 (Post Fielding Sustainment Readiness Reviews (SRR)).



SERA Process





Sustainment Data Elements



Weight Factor	Indicator Description	Risk Condition (Indicator =1)
5.0	Single or no CAGE Code	1: <=1 CAGE Code
5.0	PBO 6-Month	1: Y
4.0	Zero Immediate OH Stock with Due Out	1: ZBAL="Y" and OH<0.5*RO
3.5	Acquisition Advice Code	1: AAC= Y,V,N,X,T, Inactive or Nomenclature = Inactive
3.5	Top 15% CWT	1: >= top 15% in latest year
3.5	Warehouse OH Stock < RO	1: OH<RO
3.0	Zero Stock with Recent Demand	1: OH=0 with Dmd in last 2 yrs
3.0	No Recent Demand	1: OSMIS & ILAP=0 in last 2 yrs
3.0	D&B High Risk Indicator	1: Y
2.5	OCONUS Only CAGE Code	1: All CAGE Codes(>0) = OCONUS
2.5	Top 15% Closed Maintenance Work Order	1: >= top 15%
2.5	Top 15% Open Maintenance Work Order in past 12M	1: >top 15%
2.5	Readiness Driver	1: Y
2.5	Technical Data Unavailable	AMC/AMSC & DAC
2.0	Closed Maintenance Work Order	1:>0
2.0	Open Maintenance Work Order in past 12M	1:>0
2.0	CWT Increasing	1:Latest FY >1.1*Prev FY AND Latest FY > Median
2.0	Recent Back Order (60 day)	1: Y
2.0	Hazardous Materials	HMIC, HCC, & characteristic
1.5	Shelf Life Exceeded	1: Y



MS Access Views and Reports



Menu - AADO SERA

Home Create External Data Database Tools Add-Ins

View Paste Copy Format Painter Font Rich Text Refresh All New Save Delete More Records Filter Selection Advanced Toggle Filter Sort & Filter Window Find Select

AADO SERA - M915 FOV Exit

<p>Risk Indicator Matrix</p> <p>Risk Indicator Matrix (M91Z Only)</p> <p>NIIN Lookup</p> <p>Cages</p> <p>Supply Classes</p> <p>Utilities Menu</p>	<p>Risk Grouping Reports</p> <p><i>Single CAGE Code Plus...</i></p> <p>PBO 6 Mos + Zero Stock w/ Due Out</p> <p>No TDP + High D&B Score</p> <p>High D&B Score</p> <p>No TDP</p> <p>Acquisition Advice Code</p> <p>No Orders in Past 5 Years + No TDP</p> <p>No Orders in Past 5 Years (Single CAGE)</p> <p>OCONUS Only (Single CAGE)</p> <p>Summary by Cage</p> <p>Detail by Cage</p> <p>Detail by Cage (Govt or Standard only)</p> <p>Summary by FSC</p> <p>No Active CAGE Code</p> <p>Top 100 RPI List</p> <p>PBO 6 Mos</p> <p>PBO 6 Months + Rand Readiness Driver</p> <p>Zero On Hand Stock w/ Due Out</p> <p>Zero On Hand Stock</p> <p>Rand Readiness Driver + High D&B Score</p> <p>Rand Readiness Driver by Demand</p> <p>Top 15% Customer Wait Time</p> <p>RoHS Indicator (HMIC and HCC)</p> <p>Warehouse On Hand Stock</p> <p>No Orders in Past 5 Years (All)</p> <p>OCONUS Only (All)</p> <p>TDP Available (AMC, AMSC are 1G & 2G)</p> <p>Top 100 RPI NIINs - Count by CAGE</p>	<p>General Reports</p> <p>FSGs with NIIN Count</p> <p>FSGs with NIIN Count (All)</p> <p>FSCs with NIIN Count</p> <p>FSCs with NIIN Count (All)</p> <p>There are 0 null FSC descriptions</p> <p>There are 3 CAGES with no status</p> <p>There are 3700 CAGES with no prescreen score</p> <p>There are 137 NIINs with no SC</p> <p>There are 137 NIINs with no Rand</p>
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Navigation Pane

Form View

Risk Indicator Matrix - AADO SERA

Home Create External Data Database Tools Add-Ins

View Paste Copy Format Painter Font Rich Text Refresh All New Save Delete Records Totals Spelling More Filter Selection Advanced Toggle Filter Size to Fit Form Windows Switch Windows Find Go To Select Replace

Rank	Norm RPI	Total weight	NIIN	Single or no CAGE	PBO 6-month	Zero stock with due out	Acquisition advice code	Top 15% CWT	Warehouse OH stock < RO	No recent demand	Zero stock with recent demand	D&B high risk flag	OCONUS only CAGE code	Top 15% closed maint workorder	Top 15% open maint w/o in past 12M	Readiness driver	Technical data availability	Closed maint workorder	Open maint w/o in past 12M	CWT increasing	Recent back order (60 day)
1	0.55	31.5	01-523-6667	0.0	5.0	4.0	0.0	3.5	3.5	0.0	0.0	0.0	0.0	2.5	2.5	2.5	0.0	2.0	2.0	2.0	2.0
2	0.55	31.5	01-150-9812	0.0	5.0	4.0	0.0	0.0	3.5	0.0	0.0	3.0	0.0	2.5	2.5	2.5	2.5	2.0	2.0	0.0	2.0
3	0.55	31.5	00-778-0324	0.0	5.0	4.0	0.0	3.5	3.5	0.0	0.0	0.0	0.0	2.5	2.5	2.5	0.0	2.0	2.0	2.0	2.0
4	0.54	31.0	01-329-1671	5.0	5.0	4.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0	2.5	2.5	2.5	0.0	2.0	2.0	0.0	2.0
5	0.53	30.5	01-496-9836	0.0	5.0	0.0	0.0	3.5	3.5	0.0	0.0	3.0	0.0	0.0	2.5	2.5	2.5	2.0	2.0	2.0	2.0
6	0.50	29.0	01-327-1350	0.0	5.0	4.0	0.0	0.0	3.5	0.0	0.0	3.0	0.0	2.5	2.5	2.5	0.0	2.0	2.0	0.0	2.0
7	0.50	28.5	01-032-1326	0.0	5.0	0.0	0.0	0.0	3.5	0.0	0.0	3.0	0.0	2.5	2.5	2.5	0.0	2.0	2.0	0.0	2.0
8	0.50	28.5	01-495-2851	5.0	0.0	4.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0	2.5	2.5	2.5	2.5	2.0	2.0	0.0	2.0
9	0.49	28.0	01-446-9506	5.0	5.0	0.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0	2.5	2.5	0.0	0.0	2.0	2.0	0.0	2.0
10	0.49	28.0	01-514-2457	0.0	5.0	4.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0	2.5	2.5	0.0	2.5	2.0	2.0	2.0	2.0
11	0.48	27.5	01-544-2103	0.0	5.0	0.0	0.0	3.5	0.0	0.0	3.0	0.0	0.0	2.5	2.5	2.5	2.5	2.0	2.0	0.0	2.0
12	0.48	27.5	01-319-2137	0.0	5.0	0.0	0.0	3.5	3.5	0.0	0.0	0.0	0.0	2.5	2.5	2.5	0.0	2.0	2.0	2.0	2.0
13	0.47	27.0	01-533-8814	5.0	5.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0	0.0	2.5	2.5	2.5	0.0	2.0	2.0	2.0	0.0
14	0.47	27.0	01-533-8816	5.0	5.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0	0.0	2.5	2.5	2.5	0.0	2.0	2.0	2.0	0.0
15	0.47	27.0	01-435-0408	0.0	5.0	4.0	0.0	3.5	3.5	0.0	0.0	0.0	0.0	0.0	0.0	2.5	2.5	2.0	0.0	2.0	2.0
16	0.45	26.0	01-331-2987	0.0	5.0	4.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0	2.5	2.5	2.5	0.0	2.0	2.0	0.0	2.0
17	0.44	25.5	01-505-7554	0.0	0.0	4.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0	2.5	2.5	2.5	2.5	2.0	2.0	2.0	2.0
18	0.43	25.0	01-505-7556	0.0	5.0	4.0	0.0	3.5	3.5	0.0	0.0	0.0	0.0	2.5	0.0	2.5	0.0	2.0	0.0	0.0	2.0
19	0.43	25.0	01-274-1915	0.0	5.0	0.0	0.0	0.0	3.5	0.0	0.0	3.0	0.0	2.5	2.5	0.0	2.5	2.0	2.0	0.0	2.0
20	0.43	24.5	01-481-5378	5.0	5.0	0.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0	2.5	2.5	0.0	0.0	2.0	2.0	0.0	2.0
21	0.43	24.5	01-339-4308	0.0	5.0	0.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0	2.5	2.5	2.5	2.5	2.0	2.0	0.0	2.0
22	0.43	24.5	01-331-2996	0.0	0.0	4.0	3.5	0.0	3.5	0.0	0.0	0.0	0.0	2.5	2.5	2.5	0.0	2.0	2.0	0.0	2.0
23	0.43	24.5	01-329-9896	0.0	5.0	0.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0	2.5	2.5	2.5	2.5	2.0	2.0	0.0	2.0
24	0.42	24.0	01-479-4199	0.0	5.0	0.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0	2.5	2.5	2.5	0.0	2.0	2.0	2.0	2.0
25	0.42	24.0	01-485-4473	0.0	5.0	0.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0	2.5	2.5	0.0	2.5	2.0	2.0	0.0	2.0

Average weight: 7.1 Count: 18202

Record: 17 Unfiltered Search

Form View

Start draft r... Inbox ... Comp... Micros... AADO ... TARDE... W56H... W56H... Docu... 2:53 PM



Select a NIIN: Rank: **17** Norm RPI: **0.44** Total weight: **25.5**

NATO Item Identification Number (NIIN): **01-505-7554** Replaced by:

Nomenclature: **RADIATOR,ENGINE COOLANT**

Source: **PMR - total pmr.txt of 2/18/2011**

Supply Class (SC): **9 - Repair Parts**

Federal Supply Group (FSG): **29 - Engine Accessories**

Federal Supply Classification (FSC): **2930 - Engine Cooling Sys Comps - Nonaircraft**

Consumable/Repairable: **Consumable** FEDLOG systems used on:

Rand readiness driver/flag: **2.5**

AMDF Pricing		
AMDF price	Added	Source
\$1,061.00	5/23/11	Spreadsheet - Automation Alley-M9 15

AAC	AMC	AMSC	SLC	Customer Wait Time
AAC	AMC	AMSC	SLC	Year Days
D	4	R	0	2008 10.1
				2009 15.0

AAC flag: **0.0** TDP flag: **2.5** SLC flag: **0.0**

Maintenance Work Orders	
Closed	Opened
NIIN quantity: 71	Past 12 months: 31
Workorders (2005-10): 72	Flag: 2.0
Top 15% flag: 2.5	Top 15% flag: 2.5

Back Orders	
Persistent (6 months consecutive)/flag: 0.0	Recent (since 1 Sep 2010)/flag: 2.0

Sources	
Valid	All
CAGE codes (CONUS): 3	3
CAGE codes (OCONUS): 0	0
Total: 3	3

Single or no CAGE code flag: **0.0**

OCONUS only CAGE code flag: **0.0**

D&B high risk flag: **0.0**

CAGE Codes					
Cage	Valid	Name	City, State	Country	Prescreen score Status
2A413	<input checked="" type="checkbox"/>	BEHR HEAT TRANSFER SYSTEMS II	NORTH CHARLESTON,	UNITED STATES	Medium Risk A - Active. Com
55683	<input checked="" type="checkbox"/>	WHEELER BROS. INC.	SOMERSET, PA	UNITED STATES	Low Risk A - Active. Com
64678	<input checked="" type="checkbox"/>	DAIMLER TRUCKS NORTH AMERIC	PORTLAND, OR	UNITED STATES	Low Risk A - Active. Com

Count: **3**

Contracts								
Date	Cage	SOS	Contract number	Contract X	Quantity	UI	Price	Total amount
9/8/10	55683	AKZ	W56HZV07D0081	VD040024AA	40	EA	\$916.77	\$36,670.80
12/30/09	55683	AKZ	W56HZV07D0081	VD030023AA	29	EA	\$873.11	\$25,320.19
12/30/09	55683	AKZ	W56HZV07D0081	VD030023AA	29	EA	\$0.00	\$0.00
9/11/09	55683	AKZ	W56HZV07D0081	VD020023AA	40	EA	\$873.11	\$34,924.40

OSMIS	
Year	Quantity
2005	47.0
2006	26.9
2007	27.0
2008	18.7
2009	22.0
5 year total:	141.6

ILAP Demand	
Year	Quantity
2005	22
2006	27
2007	30
2008	37
2009	46
5 year total:	162

No demand weight: **0.0**

Hazardous Materials	
HMIC: II	
Hazard count: 0	
Hazardous material flag: 0.0	

SWA/Non-SWA ILAP DOCHNO CT	
SWA count:	
Non-SWA count:	
SWA/Non-SWA ratio:	

Ordered as a RESET Dochno: **N**

Life Cycle Management Command

NIIN Lookup - AADO SERA

Home Create External Data Database Tools Add-Ins

Select a NIIN: Rank: 17 Norm RPI: 0.44 Total weight: 25.5

NATO Item Identification Number (NIIN): **01-505-7554** Replaced by:

Nomenclature: **RADIATOR,ENGINE COOLANT**

Source: **PMR - total pmr.txt of 2/18/2011**

Supply Class (SC): **9 - Repair Parts**

Federal Supply Group (FSG): **29 - Engine Accessories**

Federal Supply Classification (FSC): **2930 - Engine Cooling Sys Comps - Nonaircraft**

Consumable/Repairable: **Consumable** FEDLOG systems used on:

Rand readiness driver/flag: **2.5**

Sources

	Valid	All
CAGE codes (CONUS):	3	3
CAGE codes (OCONUS):	0	0
Total:	3	3

Single or no CAGE code flag: **0.0**

OCONUS only CAGE code flag: **0.0**

D&B high risk flag: **0.0**

Maintenance Work Orders

Closed	Opened
NIIN quantity: 71	
Workorders (2005-10): 72	Past 12 months: 31
Flag: 2.0	Flag: 2.0
Top 15% flag: 2.5	Top 15% flag: 2.5

Back Orders

Persistent (6 months consecutive)/flag: **0.0**

Recent (since 1 Sep 2010)/flag: **2.0**

CAGE Codes

Cage	Valid	Name	City, State	Country	Prescreen score	Status
2A413	<input checked="" type="checkbox"/>	BEHR HEAT TRANSFER SYSTEMS II	NORTH CHARLESTON,	UNITED STATES	Medium Risk	A - Active. Com
55683	<input checked="" type="checkbox"/>	WHEELER BROS. INC.	SOMERSET, PA	UNITED STATES	Low Risk	A - Active. Com
64678	<input checked="" type="checkbox"/>	DAIMLER TRUCKS NORTH AMERIC	PORTLAND, OR	UNITED STATES	Low Risk	A - Active. Com

Reference/Part Numbers

Ref	Cage	Nom	RNCC	RNVC	DAC
68925	2A413	RADIATOR,ENGINE COO			
68925	2A413	RADIATOR,ENGINE COOLANT	3	2	1
BHT/68925	64678	RADIATOR,ENGINE COO			
BHT/68925	64678	RADIATOR,ENGINE COO			
BHT/68925	64678	RADIATOR,ENGINE COOLANT	5	2	5

Count: 3

Used On

Model	PCCN	UOC
<UNK>	<UNK>	<UNKM915>
<UNK>	<UNK>	<UNKM916>
<UNK>	<UNK>	<UNKM917>
M915A3	C915A2	5A3
M916A3	C915A2	6A3
M917A2	C915A2	7A2
M917A2 w/MCS	C915A2	7E2

Count: 7

Warehouse Authoriz

Current on hand

Current requisition o

Zero stock with recent dem

Warehouse OH st

Zero stock with due

Hazardous Materials

HMIC: **N**

Hazard count: **0**

Hazardous material flag: **0.0**

SWA/Non-SWA ILAP DOCNO CT

SWA count:

Non-SWA count:

SWA/Non-SWA ratio:

Ordered as a RESET Docno: **N**

Year	Weight	Year	Weight
2005	47.0	2005	22
2006	26.9	2006	27
2007	27.0	2007	30
2008	18.7	2008	37
2009	22.0	2009	46
5 year total:	141.6	5 year total:	162

No demand weight: **0.0**

Date	Count
9/8/10	5
12/30/0	
12/30/0	

Date	Count	Part Number	Weight	Part Number	Weight
9/11/09	55683	AKZ	W56HZV07D0081	VD020023AA	40 EA \$873.11 \$34,924.40



- Proactively evaluate equipment data and identify industrial base related obsolescence and sustainment risk.
- Leverage all existing available data (support strategy, usage, organic, and commercial).
- Identify and document evidence of system, platform, or vehicle level obsolescence.
- Provide platform or equipment managers factual documentation necessary to forecast resources via Army Working Capital Fund (AWCF), Sustainment System Technical Support (SSTS), and plan corrective actions and material change efforts.
- Support AR 700-127 (Post Fielding Sustainment Readiness Reviews (SRR)).



- Application:
 - Component
 - Vehicle
 - Family of Vehicles
 - PM/PEO Portfolio
 - LCMC/Command
- Data refresh:
 - One-time study (M915)
 - Quarterly, semiannual, annually (Abrams)
- Potential for other sustainment opportunities – cost and sector studies, VE, commonality assessments

Summary

- Provided an overview of the new Industrial Base and DMSMS mitigation tools and capability
 - Demonstrated the TACOM Industrial Base Visibility and Communication Tool
 - Reviewed the TACOM Industrial Base Trend / Risk Analysis
 - Provided an overview of the Sustainment Engineering Risk Assessment (SERA) objective, process, and benefits
- Discussion and questions.

List of Acronyms

- IB- Industrial Base
- DMSMS- Diminishing Manufacturing Sources and Material Shortages
- STS- System Technical Support
- FSC- Federal Supply Class
- O & S- Operating and Support
- COTS- Commercial Off-the-Shelf
- CLS- Contractor Logistics Support