



The DEPLOYER



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The Deployer Mission Statement

The mission of The Deployer is to provide the community of Transportation Information Systems users, stakeholders and sponsors timely knowledge on our family of systems—systems that empower the DoD to plan, deploy, load, monitor and provide full visibility of the transportation process.

Message from the PM

The Transportation Information Systems Joint Program Management Office (TIS JPMO) is busy on a number of fronts.

I note that this spring TC-AIMS II marks the one year anniversary of our on-the-ground support of OIF. Our main emphasis has been to assist the Deployment Support Battalions who are in turn providing essential redeployment and retrograde operations support to units in the theater. During this past year members of the 1179th DSB, out of Fort Hamilton, NY and the 1394th out of Camp Pendleton, CA have supported 1,417 units and 59,400 pieces of equipment returning home. You'll find an article from the 1179th on page 3.



Mr. Robert Morris, PM, TIS

As I write this, the Limited User Test is underway in Louisiana, with the Louisiana National Guard. This four week test, organized in two phases, follows training and a two-week period, call FUNOPS or functional operations, that helps test participants to become more familiar with the system prior to starting the test. The Army test will be followed next month by a Navy test to be held in Norfolk.

While we are finishing up Block 2 testing we are aggressively engaged in refining our understanding of the scope of Block 3 requirements. While the main thrust of Block 2 was to support a “network-centric” transformation of the functionality of TC-AIMS II by Web-enabling the product, Block 3 will introduce a spate of new functionality. This functionality may include new interfaces, the capability to support Common User Land Transportation (CULT), and reception, staging, onward movement and integration.

Lest you think that we will retire our attention on Block 2 as we move to Block 3, know that we will continue to refine the Block 2 product, even as we develop Block 3. In fact, by planned convergence, some of the work that began in Block 2 will be matured in maintenance releases to support such things as a more robust convoy operations management.

In addition to all the above, we continue to field TC-AIMS II. We are currently working plans for Alaska, Fort Bragg, Fort Polk, Fort Irwin, and USAREUR.

I trust you will enjoy this spring issue of The Deployer. As always, we look forward to hearing from you. ☺

Fulfilling the Soldiers Mobilization Needs

by Charles E. Lukasek, Chief MOB/MVMT Training Center, ARRTC

Team Titan, Mr. Joel Kendhammer and Mr. Ed Lukasek, along with the Army Reserve Readiness Training Center (ARRTC) have been partners for over a year and a half on the TC-AIMS II project. The Mobilization and Movement (Mob/Mvmt) team will be integrating TC-AIMS II into their Unit Movement Officers Course (UMOC) this year, in order to give Unit Movement Officers (UMOs) a taste of what's to come. TC ACCIS is the legacy system that will be replaced by TC-AIMS II. The systems will be used simultaneously for a while. The UMOC is going to start introducing students to the software and what it can do. Kathleen Sumrall, the course team leader of the UMOC says, "There are a lot of changes happening in the UMOC, this is one of the big ones, and we are all very excited with what TC-AIMS II offers the Reserve Component."

In January 2004, Mr. Joel Kendhammer and Mr. Ed Lukasek traveled out to the SRA Corporation, Newport News, VA, to receive, review and give input on the latest improvements to TC-AIMS II training program. "Mr. Britton of SRA Corp. was instrumental in building the team approach for this meeting", said

Lukasek. "There are a lot of good folks on the team that are focused on producing the best product for the soldier". Ed and Joel also briefed the team on Distance Learning (DL) procedures and assistant instructors responsibilities.



Mr. Lukasek and Mr. Kendhammer of Team Titan showing ARRTC instructors the new TC-AIMS II instruction materials

There have been some exciting changes to TC-AIMS II in the recent past. The most notable changes are in the movement coordination business process area. It has gone to an internet style format. When the user enters Movement Coordination in TC-AIMS II an Explorer window will open with the application in it. This is in an effort to get TC-AIMS II into its Web-based format as soon as possible. Another big change is the addition of the Automated Air Load Planning System (AALPS) to TC-AIMS II. This allows a TC-AIMS II and AALPS certified user to develop movement plans and finish out air loads all on one computer.

When asked about the changes to the program, Mr. Kendhammer had this to say, "It's great to see the developers making these changes. This will help the students get used to the program in the format in which they will be seeing it in the future." Mr. Lukasek said, "The changes in the program are improving TC-AIMS II to better meet the soldiers needs."

Team Titan is still running New Equipment Training (NET) classes at the Army Reserve Readiness Training Center (ARRTC). Distributive Learning is the main method of training by the team. As of this writing, they have just finished a two-week Joint TC-AIMS II Course in California and are scheduled for more courses on the west coast.

Sustainment training is programmed to begin in the fourth quarter of Training Year 2004. For more information please monitor the Army Training Requirements and Resources System (ATRRS). SSG Jason Araujo, the Sustainment Training Course Team Leader for TC-AIMS II at (608) 388-7128, says "This is an exhilarating time for the transportation arena. With this new tool, we as transporters, can accurately manage our equipment and personnel in the theater of operations. This system will allow us to incorporate all the systems into one user friendly program." ☐

The Deployment Support Brigade and TC-AIMS II in South West Asia

by CPT Robert Benjamin, 1179th DSB

The 1179th Deployment Support Brigade (DSB) is a reserve component unit from Fort Hamilton, NY, tasked to support Operation Iraqi Freedom in the redeployment of forces from South West Asia. The DSB has staffed operations cells at Camp Virginia, Camp Victory, Camp Doha and Camp Arifjan. In addition to supporting operations at these camps, the DSB has dispatched teams to support redeployment at Camp Udairi, Camp New York, Camp New Jersey, Camp Pennsylvania, the Kuwait Naval Base and the port of Ash Shuaiba in Kuwait, as well as LSA Anaconda, FOB Gunner, and BIAP in Iraq.



The DSB has been a presence in SWA since May 2003, expediting the redeployment of forces from theater including the 3rd ID, 101st AA, 82nd Abn, 4th ID, 3rd ACR, 2nd LCR, and numerous echelon above division/echelon above corps units.

At the time of this writing, the DSB is currently processing the 1st AD. Since arriving in theater, the DSB has processed thousands of units and tens of

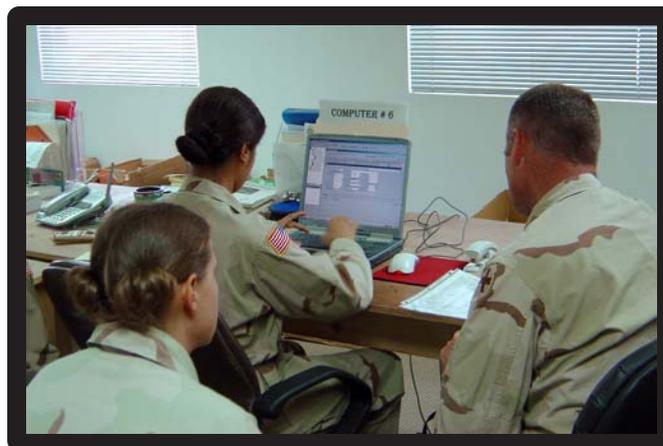
thousands of pieces of equipment with minimal frustrated cargo at the port. In essence, the DSB fulfills many of the functions of an Installation Traffic Office (ITO), providing movement data input, unit equipment verification, and movement information management to a variety of customers. TC-AIMS II is an important tool for the DSB in the redeployment process. TC-AIMS II allows Unit Movement Officers, in conjunction with DSB TC-AIMS operators, to create a Unit Deployment List (UDL) of all equipment requiring transport. The UDL contains unique data about every piece of equipment being transported, including linear dimensions and weight, secondary loads, shipping configuration, special handling considerations, hazardous materials indicators, unique equipment identifiers (serial numbers, bumper

numbers), etc. Once this list is created, it is electronically transmitted to movement planners for lift resourcing and vessel allocation. DSB inspectors check the accuracy of the UDL, verifying dimensional data, proper preparation of unit equipment for shipment, proper

stuffing, blocking and bracing of containers, proper documentation of equipment, and compliance with applicable movement guidance and HAZMAT regulations (including CFR 49 and the IMDG). Once the UDL is verified, UMOs and TC-AIMS II operators update any changes to the UDL. The edited UDL is the data base from which Military Shipping Labels (MSLs) and Radio Frequency ID (RFID) tags are produced. These labels and tags contain detailed data about each piece of equipment on scannable bar codes, facilitating in-transit visibility (ITV) and total asset visibility (TAV) for movement planners. The labels and tags also indicate in plain text a variety of information, including the unit name, unit identification code (UIC), port of embarkation (POE), port of debarkation (POD), and ultimate destination of each piece of equipment.

The DSB converts the TC-AIMS II file into a Worldwide Port System (WPS) file, then electronically transmits the verified UDL to stow planners at the port, who use this data to build a load for a particular vessel. The transmission of this WPS file also initiates the call forward message from the port; once called forward, the unit is well on the way towards upload on a vessel and return home. By ensuring movement planners have accurate data with which to resource and allocate

transportation assets, the DSB helps to ensure efficient use of transport and expedite the flow of redeployment. The final result: units move from theater back to their home stations with minimal levels of frustration, and planners have maximum visibility of moving equipment. ☐



Photos taken by Robert Picarillo, TC-AIMS II Fielding

Fielding Division

by Richard Froom, TIS

We change our clothes. We change our habits. We change baseball teams. Certain gender groups are historically and socially free to change their minds and plans, even at the last minute.

The TC-AIMS II fielding division is working on a change. We are neither historically or socially free to change anything, but this attempt strives to develop a more cohesive team structure. As currently planned, the change will evolve over a couple months time and involve everyone on the fielding team. The early concept is to have each of the Chiefs of Installation (COI) head up a reasonably “consistent over time” team of technicians, functional experts, and trainers.

Besides the COI on the team, there will also be an Assistant Chiefs of Installation (ACOI). The ACOI will gradually become skilled in the tasks required of the COI and will add these skills to the technical and functional skills brought to the team by the ACOI’s past experience and TC-AIMS II tasks. In addition, the ACOI will remain at the current fielding site, while the COI goes on to the next scheduled location to accomplish the Fielding Command/Gaining Command (FC/GC) briefing, initial information gathering, and the subsequent NMIB and Site Survey.

As the fielding schedule progresses through this fiscal year and the next, there will be several fielding sites operating simultaneously. Cries for help from the fielding sites may not get any louder, but with multiple sites occurring at the same time, the cries will increase in frequency. Support from throughout the PM will become increasingly crucial to a successful system extension. The shift to the Enterprise functionality will ease some of the configuration and loading pain, but will increase the start-up administration and data completion pain. ☐

USAREUR Prepares Way for TIS-TO Test

by Brian Coady, Assistant Project Officer - TC ACCIS, TIS-TO

USAREUR is working to ensure that personnel have the necessary security clearances to accommodate the transition from DAMMS to TIS-TO in the European theater. Readers may recall (from our Fall 2003 issue) that Korea implemented TIS-TO, the Web-enabled successor of DAMMS, on the Korean Peninsula with much success last Fall.

While USAREUR has not yet committed to following suit, they are taking the necessary steps to provide for a familiarization exercise of TIS-TO on the “sandbox,” a reserved portion of the enterprise which allows for full functionality of the application without interference with the “live” side. This is expected to begin on 17 May 2004 and last until personnel report requisite comfort with the system. A NETCOM decision to disallow Windows 98 systems on Army nets may force the decision. Currently DAMMS resides on this OS and it will not

be ported to more advanced Window variants.

By web-enabling the application, the system presents a dramatic reduction in bandwidth use and overall processing times. Much of this reduction owes to the fact that transmissions of data that formerly occurred throughout the NIPRNET in the DAMMS era, can occur within the confines of an enterprise server farm in the TIS-TO model.

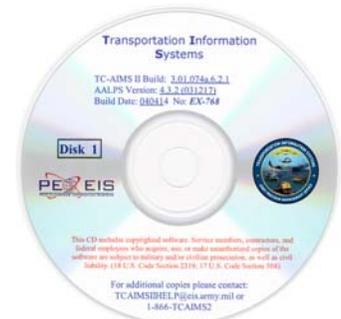
As of press time, USAREUR had no forecast as to when they will adopt TIS-TO as an interim theater management system. TIS personnel stand ready to provide support, as they had in the Korean experience, as soon as a decision is made.

Tentative units that will be involved in the familiarization are SETAF HQ, 14th Trans Bn and subordinate units, 28th Trans Plt. and 28th Trans Bn. ☐

Use of Licensed Software Reminder

by Susan Allen, Titan Corporation

Now that our applications are receiving wider distribution, it is important to remember that AALPS and TC-AIMS II use licensed software and cannot be distributed freely. Each use of the software must be recorded with the TIS Configuration Management (CM) Office. If additional copies are needed, please contact the Help Desk by e-mail, TCAIMSIHELP@eis.army.mil or by phone at 1-866-TCAIMS2. ☐



AALPS in NATO—Part 3* The Way Ahead

by Michael Cannon, A&T systems

With two successfully completed NATO exercises noted in the last article of AALPS in NATO, it was time to propose a more formal solution.

In April 2002, the Air Movements Section of HQ AIRNORTH at Ramstein Air Base, Germany, initiated a Force Proposal to Supreme Headquarters Allied Powers Europe (SHAPE) to adopt AALPS as the standard air load-planning tool. A Force Proposal is a recommendation on a new capability to be reviewed by all member nations for adoption. If accepted, then the Defense Planning Committee generates a Force Goal for review where it will be prepared for review by the national Defense Ministers. This Force Goal, if adopted, would satisfy the NATO Defense Capability Initiative to use air assets as efficiently and effectively as possible for the air transportation of forces and equipment. With many nations involved, the Way Ahead can be daunting.

Nations are now recognizing the value of AALPS with Canada inviting the AALPS PMO to brief a group at the Canadian National Headquarters in Ottawa, Canada. Along with Canada, several other NATO members have made inquiries on the acquisition of AALPS in response to their review of the NATO Force Proposal. However, the major development for AALPS in NATO was recognized during load planning support for the International Security Assistance Force (ISAF) 4 deployment of NATO forces to Kabul, Afghanistan.

As nations are tasked to support NATO deployment operations, the responsibility for airlift lies with that nation and previously, the ability to determine accurate airlift requirements was never really apparent. Squadron Leader David Jacobs, from HQ AIRNORTH/A4 Air Movement prepared several load plans with AALPS for the AN-124 cargo aircraft for those nations participating in ISAF 4. It did not take long to realize substantial savings in what the nations had predicted for their airlift requirements versus what was actually needed. This realization was noted by the Allied Command Europe (ACE) Movement Coordination Center (AMCC), which prompted a quick meeting in July 2003 at the European Airlift Coordination Center (EACC) in Eindhoven, NL. There in Eindhoven, AALPS was demonstrated to several members of the AMCC staff along with members from NATO's Consultation, Command, and Control Agency (NC3A). A briefing from Lt Col Grunwald, (GAF) Regional Headquarters AFNORTH/A3 Air Movements noted that early on in the movement flow, nearly \$500,000 was saved by using AALPS to determine accurate airlift requirements. This savings alone should prompt all nations to accept AALPS during the Force Proposal review and steps should be taken to begin integration with NATO's Allied Deployment and Movement System (ADAMS). Members from NC3A eagerly assumed the role as lead agency for setting the stage for integration.

NC3A provides NATO the technical ability through ADAMS to accurately track the movement of troops, equipment, and logistical support into theaters. Members of the staff were eager to work

with another application software already tested and fielded that could enhance the use of ADAMS with predictable and accurate load plans. Later that year, Dr. Critt Hughes from NC3A visited the AALPS Development Team in Chester, VA where initial discussions began on data transfer capabilities and protocol. During this discussion, the issue of metrication, the capability of AALPS to work with metric data, was raised as an essential capability to operate in a European environment.

With metrication a key issue on adoption, the AALPS Project Officer (PO) immediately tasked the AALPS development team to provide an initial cost estimate to adopt AALPS for use with metric measurements. Presently AALPS operates only in inches and pounds and all dimensional and weight data for equipment items used by our NATO partners has to be converted manually. Additionally, all reports generated by AALPS show only inches and pounds where again, aircrew members have to convert the data for the final loading and weight and balance certificate. With a initial cost estimate on metrication and the NC3A members working to integrate AALPS, the AALPS PO can attend the next NATO Air Transport Working Group and show the nations that AALPS can be the solution to the emerging requirements of multinational use of airlift assets. The Way Ahead continues. 



* To view AALPS in NATO—Part 2, please refer to our [Winter 2004](#) issue (page 6) and for Part 1, please refer to our [Fall 2003](#) issue (page 9).

2004 Army Information Technology Conference

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A minimum of 80 points is needed every two years (usually 1 point = 1 hour of activity). Attendance at the Army IT Conference can satisfy Individual Development Plan requirements with approval from employee's supervisor.

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For more details regarding the agenda, attendee conference and hotel registration, exhibitor conference and hotel registration, please visit <https://ascp.monmouth.army.mil/scp/aic/generalinfo.jsp>. More details will become available as the start of the conference draws near. ☞

PEO EIS Guest Speaker, Nora Denzel

Please join us, Thursday, June 24, 2004, for a morning of enterprise education and excitement as the PEO EIS has the pleasure of announcing the highly sought-after speaker Ms. Nora Denzel, Senior VP of HP's Software Global Business Unit who will lead the initiative as head of HP's 2.5 billion Adaptive Enterprise Software Group. Ms. Denzel is a highly sought-after speaker who will discuss Adaptive Enterprise, Adaptive Management, and IT Service Management.



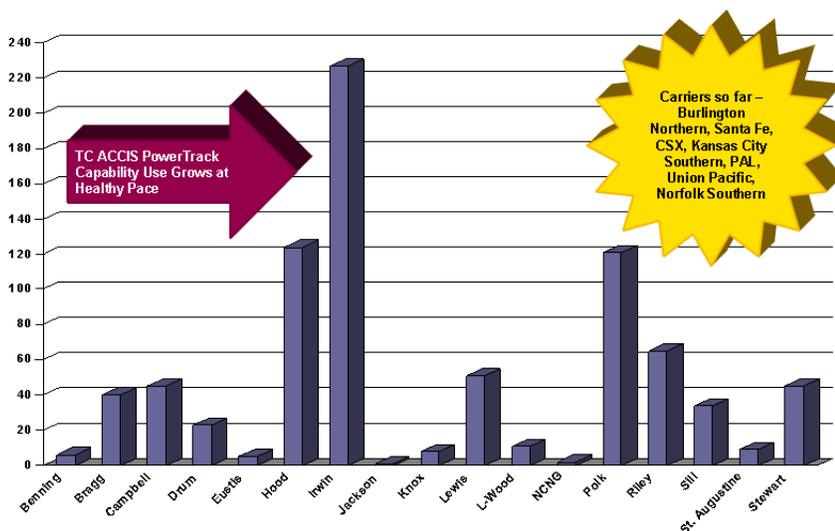
Ms. Nora Denzel

Prior to joining HP, Ms. Denzel had more than 17 years of experience in the computer industry. In 1984 she began working with IBM, until she left in 1997. In 1997 she went to work with Legato Systems as VP of products and operations. She went to work for HP in 2000.

Ms. Denzel was featured in *Feminine Fortunes* Magazine, where she was named as one of the Top 50 women of the next millennium. ☞

At First Glance:

TC ACCIS → PowerTrack Interface Continues Strong Use



AALPS

“Not a Valid AALPS User” Error

by Carol Brown, A&T Systems, Inc.

When you attempt to log into AALPS and receive the “Not a Valid AALPS User” error, perform the following procedures:

1. Ensure <Caps Lock> is not active; retype the user name and password. If this does not work, go to step 2.
2. Shutdown your Windows session. Wait 10 seconds. Restart your computer. Log onto the local computer as **administrator** or as a user with full administrator privileges. Allow adequate time for Windows to initialize all applications. From the Control Panel, select Administrative Tools, then Services. Locate the Sybase servers (i.e., BCK, MON, SQL, and XP). Make sure the Sybase BCK and SQL servers are set at “Started” and “Automatic” and the Sybase MON and XP servers are set at “Manual”. If you are unable to reset the servers, go to step 3.
3. From My Computer, select C:\Program Files\Common Files\ODBC. Right-click the Data Sources folder; select **Properties**. At the Security tab, select **Everyone**, check the **Full Control** box, then click [OK]. (Note: If you do not have a Security tab at the Data Sources folder, right-click on the ODBC. At the Sharing tab, select **Share this folder**, then select **Permissions**. At Share Permissions, make sure **Everyone** has **Full Control**.) Restart your computer. If you are unable to log into AALPS as **aalpsuser**, go to step 4.
4. Uninstall and then reinstall AALPS using the installation instructions. If you are still unable to log into AALPS as **aalpsuser**, call the AALPS Help Desk at 1-877-462-2577. ☎

TC ACCIS

Automated TC ACCIS to TC ACCIS AUEL/DEL DATA Transfer

by Alain Wampouille, RAM, Inc.

Archive/Unarchive is a tool in the TC ADMIN application that allows a TC ACCIS Administrator to extract user(s) and unit data from the TC ACCIS database and archive them as ASCII datafiles to either a floppy disk, tape, or to a directory on the UNIX file system. The disk and tape can then be carried to, and read by another TC ACCIS server to un-archive and install the AUEL/DEL data. There was no automated capability to transfer the ASCII files written to the UNIX directory from the origin to the destination server and the TIS Help Desk is often called to perform the archive at origin, transfer to destination, and unarchive at destination.

To give our users more flexibility and control, we have added the capability to send the extracted data by e-mail to another installation ITO/UMC. The destination ITO/UMC will be able to copy the file received in the e-mail and copy it to a floppy on their PC. They will then give the floppy to their TC ACCIS SA who can run the new option off the TC ADMIN menu.

Here are the procedures:

Part 1

1. At the origin TC ACCIS system, the SA will login as **tcadmin** and enter menu option **4 – Archive/Unarchive**.

24Feb04	TC ACCIS	FICSIF002
SYSTEMADMINISTRATION MENU		

1	-	Maintain System
2	-	System Utilities
3	-	Electronic Mail
4	-	Archive/Unarchive
5	-	TC-AIMS II Data Port
E	-	System Logoff

TC ACCIS Technical Tip, continued on page 8

TC ACCIS Technical Tip, continued from page 7

2. Select the database and press return.

Select the User's Database

```

1 - TCACCIS
2 - T S P
3 - Satellite 1
4 - Satellite 2

E - Exit

```

3. Select menu option **7 - Unload Data to send to an E-mail address.**

TC ACCIS SYSTEM UTILITIES (Load/Unload Data)

```

1 - Unload Data to diskette
2 - Unload Data to a tape
3 - Unload Data to an ASCII File
4 - Load Data from diskette
5 - Load Data from a tape
6 - Load Data from an ASCII File
7 - Unload Data to send to an E-mail address
8 - Load Data received by E-mail and copied to floppy

E - Exit

```

4. Select the Type Data Code and press **ESC**.

```

24Feb04          Archive/Unarchive          FICSIF061
-----
Press [ESC] to accept or [CTRL-C] to abort
Select TDC Screen  FICSIF067
-----
Type Data Code:  ____
Enter Type Data Code or press F6 for help

```

5. Select the UIC(s) and press **ESC**.

```

24Feb04          Select/Deselect UIC          FICSIF056

Press [ESC] to accept, [CTRL-C] to abort, [F7] Display all UICs
[F8] Display all UICs marked with an "X"
[F9] Display all UICs NOT marked with an "X", [F10] Select all
UICs
[CTRL-J] row down, [CTRL-K] row up, [F3] Pg Dn, [F4] Pg Up

TDC NS
SEL  UIC      UIC NAME
X    WAH0A0    A CO 2-34 ARMOR
      WAH0C0    C CO 2-34 ARMOR
      WAH0T0    HHC 2-34 ARMOR

Press X to select or space bar to deselect
Row 2 of 3

```

6. You will receive the following message:

Have you completed UIC selection (y/n)? Select 'y'.

7. Select equipment and press **ESC**.

```

24Feb04          Select/Deselect UIC          FICSIF065

```

```

Press [ESC] to accept, [CTRL-C] to abort, [F7] Display all SUNs
[F8] Display all SUNs marked with an "X"
[F9] Display all SUNs NOT marked with an "X", [F10] Select all
SUNs
[CTRL-J] row down, [CTRL-K] row up, [F3] Pg Dn, [F4] Pg Up
[F1] To Display the next 5000 SUNs, [F2] to display the previous
5000

```

Sel	UIC	SUN	Echelon	MPE	DMOD	Lin/Index	Bumper	Serial#
	WAH0A0	D0001	01	K	S	T13168 05	A66	D8318/JZ04NM
	WAH0A0	D0002	01	K	S	T13168 05	A65	L8345/JZ04PE
	WAH0A0	D0003	01	K	S	T13168 05	A11	JZ0511
	WAH0A0	D0004	01	K	S	T13168 05	A12	L8369
	WAH0A0	D0005	01	K	S	T13168 05	A13	L7104
	WAH0A0	D0006	01	K	S	T13168 05	A14	L8185/JZ04GK
	WAH0A0	D0007	01	K	S	T13168 05	A21	D7128/JZ03RA
	WAH0A0	D0008	01	K	S	T13168 05	A22	D8233/JZ04L4

```

Press X to select or space bar to deselect
Row 1 of 27

```

8. You will receive the following message:

Have you completed SUN selection (y/n)? Select 'y'.

9. You will see the following system messages:

```

Unloading data from UEL tables

```

```

unloading WAH0A0...uic 1 of 1

```

```

Unloading is successful

```

```

Archiving is complete

```

10. At the **TC ACCIS E-mail Archive Send** screen, enter your email address.

```

TCACCIS

E-mail Archive S E N D

Enter e-mail address (for example): user@eis.army.mil

```

Caution:

Use **CTRL-H** to backspace rather than the backspace key to correct address.

TC ACCIS Technical Tip, continued on page 9

TC ACCIS Technical Tip, continued from page 8

Once you have pressed return, you will be returned to the **TC ACCIS SYSTEM UTILITIES (Load/Unload Data) Menu**. Exit all the way out. **CTRL-D** out of the remote system. Observe that the e-mail was sent.

Part 2

- At the destination TC ACCIS system, the SA will login to the email server on the PC. Put a floppy disk into your floppy drive on the PC. The e-mail has an attachment called "**archfile.gz**". Click on the attachment to open the file. At the Open Mail Attachment screen, click on the radio button **Save it to disk** and press **OK**. This will copy the attached file **archfile.gz** to a floppy.
- Insert the floppy disk into the floppy drive of the destination SERVER.
- Ensure that the destination system has the required TDC (Type Data Code) created.
- Login as tcadmin and selection menu option **4 - Archive/Unarchive**.

```

24Feb04          TC ACCIS          FICSIF002

          SYSTEM ADMINISTRATION MENU
-----
1 - Maintain System
2 - System Utilities
3 - Electronic Mail
4 - Archive/Unarchive
5 - TC-AIMS II Data Port

E - System Logoff

```

- Select the database and press return.

```

Select the User's Database

1 - TCACCIS
2 - T S P
3 - Satellite 1
4 - Satellite 2

E - Exit

Please select one of the above (1-4 or E): ____

```

- Select option number **8 - Load Data received by E-mail and copied to floppy**.

```

TC ACCIS SYSTEM UTILITIES (Load/Unload Data)

1 - Unload Data to diskette
2 - Unload Data to a tape
3 - Unload Data to an ASCII File
4 - Load Data from diskette
5 - Load Data from a tape
6 - Load Data from an ASCII File
7 - Unload Data to send to an E-mail address
8 - Load Data received by E-mail and copied to floppy

E - Exit

```

The following message will appear:

The /tmp/tc_data and /tmp/tc_tmp are automatically created and the list of unpacked files is displayed on the screen.

- Select the UIC(s) and press **ESC**.

```

24Feb04          Select/Deselect UIC          FICSIF056

Press [ESC] to accept, [CTRL-C] to abort, [F7] Display all UICs
[F8] Display all UICs marked with an "X"
[F9] Display all UICs NOT marked with an "X", [F10] Select all
UICs
[CTRL-J] row down, [CTRL-K] row up, [F3] Pg Dn, [F4] Pg Up

TDC NS
SEL UIC          UIC NAME
X   WAH0A0      A CO 2-34 ARMOR
    WAH0C0      C CO 2-34 ARMOR
    WAH0T0      HHC 2-34 ARMOR

Press X to select or space bar to deselect
Row 1 of 1

```

```

Have you completed UIC selection (y/n)? y

```

```

Do you wish to load data under TDC __ (y/n)? y

```

TC ACCIS Technical Tip, continued from page 9

8. Select the TDC.

```
Press [ESC] to accept or [CTRL-C] to abort
26Feb04   Select Type Data Code   FICEUF074
-----
```

```
What TDC do you wish to load data under >
Type Data Code   ___
```

```
Enter Type Data Code or press F6 for help
```

```
Loading data from UEL tables
```

```
Loading WAH0A0...uic 1 of 1
```

```
Loading is complete
```



TC-AIMS II

How to Manually Upgrade Zebra Z4M or Z6M Firmware

by James Wynn, Functional Analyst, TIS

Firmware upgrade for the **Zebra Z4M & Z6M** printers is available on DISK 2 of TC-AIMS II installation CD; the file is located in **Zebra&AIT_Drivers** folder under Optional Software. This folder contains a ZPL file (V39_11_3.ZPL). The ZPL file must be uploaded to **Zebra Z4M or Z6M** printer prior to using Zebra Universal Printer Drivers.

This firmware upgrade is designed to be performed via a direct connection between a PC and the **Zebra Z4M or Z6M** printer. The file must be uploaded to the printer through a copying method that does not add to or alter the ASCII file in any way.

Directions for uploading from the Windows environment:

1. In Windows desktop, select Start | Programs | Accessories and double click Windows Explorer.
2. Copy the V39_11_3.exe file to a folder in your PC.
3. Locate the folder where file was copied, double click the folder to open, then double click to open file.

4. WinZip will open. At the WinZip Self-extractor, click browse button. Browse to the same folder where V39_11_3.exe is located, click <OK>. Click Unzip button. Two files are unzipped.
5. Click <OK>. Click <Close> button.
6. In Windows desktop, select Start | Run.
7. At the <Run> window, type CMD in the field and click <OK>. This will initialize to open a DOS window.
8. Change drive letter to where the file is located (i. e. cd C:\AIT) and press <Enter>. Locate file V39_11_3.ZPL in the folder.
9. Using a DB-25 Male to Parallel cable (comes with Zebra Z4M/Z6M printers), connect cable from/to printer and PC.
10. Connect AC adapter cable to the printer and power outlet.
11. Power on the printer while holding the plus (+) and minus (-) buttons at the same time on the front panel. Hold the keys in until DOWNLOAD FIRMWARE appears on the LCD Display and release keys. Wait for the Error and Data light to alternately flash prior to proceeding.
12. At the DOS prompt, type **copy V39_11_3.ZPL LPT1** and press <Enter> key. This will cause the DATA light at the printer to start flashing. A sequence of lights in the LCD printer will flash in between. The download process will take approximately five minutes. Once the upgrading of the firmware is complete, the printer will self initialize and print a new PRINTER CONFIGURATION label. Look at the printer LCD to display new firmware (39.11.3). In addition, look at the printed label next to **FIRMWARE** to display proper version.

NOTE 1: Use of the parallel port is recommended to minimize transmission time. No further operator intervention is required.

NOTE 2: The new code is loaded into DRAM first, it is automatically decompressed and a CRC is calculated to ensure accuracy. Then the printer will automatically transfer the new compressed code into the Flash memory, overwriting the previous version. The printer will reset once the download of new code is complete. Any objects that were previously in DRAM will be removed when the printer is reset. After the reset, the printer will automatically print a configuration label. Confirm that the firmware version on the label matches the version copied to the printer.

TIS-TO

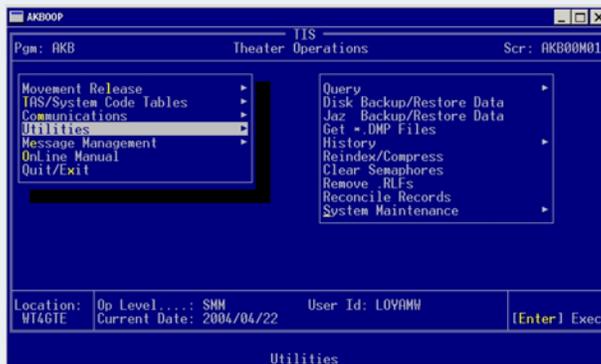
Keeping Your TIS-TO Data Healthy

by Mike Loya, Chief New Development Systems Engineering & Accreditation

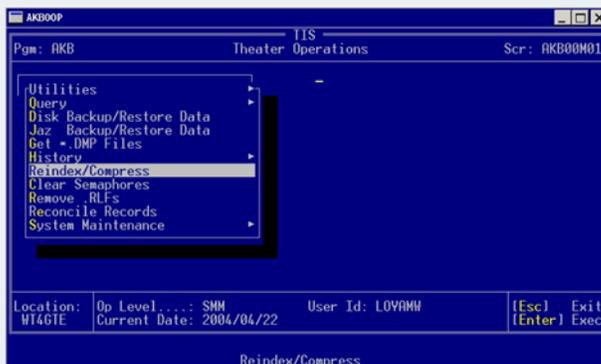
It is important to make sure that you keep the integrity and health of your TIS-TO data in check. Although occurrences of data corruption has become virtually non-existent since DAMMS migrated from a store and forward environment using Blast to transfer data to TIS-TO on the enterprise environment, there are still instances when users experience data problems. To make sure that your data stays healthy, you should compress your TIS-TO data relations weekly.

Follow these guidelines to compress your data:

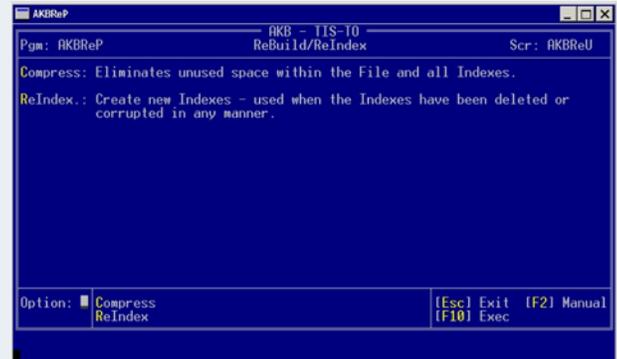
1. From the main menu highlight Utilities.



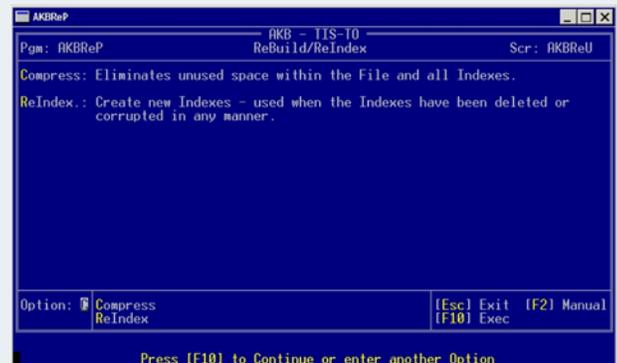
2. Press F10 to access the Utilities sub-menu.



3. Highlight Reindex/Compress and press F10 to display the ReBuild/ReIndex screen.



4. Select the Compress Option by entering a "C" in the "Option: data field".



5. Press F10 to display the data relation tag screen.



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6. Tag all data relations by highlighting the relation and entering a "Y".
9. Depending on the volume of data in your database, it will take anywhere from a few seconds to a few minutes to complete the compress process.
10. Once you have completed compressing your data press escape to exit back to the main menu.



Remember a healthy database makes for a happy user. ☺

7. Start with the first data relation and end with the last data relation.



8. Once all the data relations are tagged press F10 to execute the process.



Transitions

The Double Decker Journey

Holly Decker's journey with the TC-AIMS II program began in November 1997 as a technical writer. Because her job was to update the User's Manuals for TC-AIMS II Version 2, Holly had to learn the system that she was writing about. This desire for knowledge led to her eventual progression to the training team. As TC-AIMS II progressed into Version 3, Holly remained an integral part of the training team, where she traveled to each of the beta sites to train new users on the benefits they would get out of the new system. Holly also played a part in helping set up the European Beta site in Friedrichsfeld, Germany. In late 2000, after returning from a training trip, Holly met the newest member on the TC-AIMS II team, Chris Decker. Little did she know at the time that this person would become an integral part of her life.

Chris Decker joined the TC-AIMS II program in November 2000 as a member of the TC-AIMS II test team. Chris began his journey on TC-AIMS II testing AIT and managing the network for the test lab.

In May of 2002, Chris and Holly decided to make the leap and got married. However, the honeymoon was short-lived as Holly was off again to support another testing mission in Germany and Chris was busy packing for the Middle East. Holly arrived home from Germany just in time to take Chris to the airport. A few months

later Holly and the girls relocated to Germany where she spent a year supporting TC-AIMS II in Friedrichsfeld.

Chris spent a year supporting Operation Enduring Freedom and Operation Iraqi Freedom which allowed him to visit some wonderful locations such as Khandahar, Afghanistan (where he lived in the airport for several months), Doha, Qatar and several locations in Kuwait supporting radio frequency Identification/In-Transit Visibility. For his hard work during these operations Chris was submitted for the Bronze Star for achievement and awarded several Commanders Coins for Excellence.

Upon completion of his year in the Middle East, Chris joined Holly and their daughters in Germany for a short-lived family reunion, before they were off to the states to support another test and also to visit with relatives. Upon their return back to Germany where they were all reunited, Chris was required to leave his family once again, to return back to the TIS JPMO, to become a member of the fielding team.

After many long hours of discussions these two weary travelers decided that they had spent enough time apart. It was agreed upon that Holly and the girls would leave



Chris and Holly Decker of TIS JPMO

Germany and return to the states so they could be reunited as a family once again. Now, they are both back on the development side of TC-AIMS II, where Holly works as a functional and Chris works with AIT.

Chris and Holly have finally managed to settle down and have recently purchased a house in Fredericksburg, VA. Chris can be found in their spacious garage as he works on his cars, while their kids and 3 dogs play in the backyard, and Holly takes advantage of some well needed rest as they await the arrival of their newest family member due to arrive in late October 2004. Holly and Chris, congratulations and welcome back! 🎉

Transitions

Continued

Welcome Back Mike Wilson

by Raquel Soranzo, RAM Inc.

Mike Wilson joined the TC-AIMS II program in October 2001 as a network administrator for the government test lab. He was selected as a member for the small Field Service Engineering Team to support and expand the Army's Radio Frequency Identification/ In-Transit Visibility infrastructure for the Middle East. From July, 2002 to July, 2003 Mike spent a year in support of Operation Enduring Freedom and Operation Iraqi Freedom. During his stay he had the opportunity to travel to exotic and interesting locations such as Khandahar, Afghanistan (where he lived in the airport terminal for several months); Muscat and Masirah, Oman; Doha, Qatar; Djibouti, Africa and several locations within Kuwait in support of RF-ID/ITV. For his hard work during these operations, Mike was submitted for the Bronze Star Medal for achievement and awarded several Commanders Coins for Excellence.

Upon completion of his year in the Middle East, Mike took a much needed vacation and spent the next month relaxing with family and friends. Feeling refreshed and rejuvenated, Mike returned to the JPMO once again, as a member of the fielding team. Since his return, he has traveled around the country in support of AIT and the TC-AIMS II fielding. As one of Mike's scheduled trips, he again returned to Kuwait, this time for just a few months, from December 2003 to January

2004 to provide help desk support of the TC-AIMS II system for the deployed Army units getting ready to redeploy to their home stations.



Mike Wilson and Chris Decker at Camp Snoopy, Qatar the day Operation Iraqi Freedom kicked off.

Mike is in the process of looking to buy a house somewhere in or near, Fredericksburg, VA. He and a few friends usually go to Chris and Holly Decker's house on the weekends where they work on their cars in Chris' spacious garage. This must be one big garage!

Mike, thank you for a job well done and welcome back to the TIS JPMO. 📧



Please Help Us Help You

When e-mailing the TC-AIMS II Help Desk with a private e-mail address (e.g., AOL, Comcast or Hotmail), please help us by identifying yourself. Please provide the following information: your name, your location, and your association with the project. If we do not have the necessary information, we will respond to your e-mail with a request for more information, which only slows down the process in resolving your problem or answering your question.

Please help us so that we may better help you.

Thank you for your cooperation. ☺

Help Desk Toll Free Number

Great news for the Transportation Information Systems (TIS) customers! We now have a toll-free line for customer support.

For questions during business hours (6 am–6 pm) about TC-AIMS II or TC ACCIS, contact us by phone at:

1-866-TCAIMS2

(1-866-822-4672)

or at our DSN number:

221-0532

or by e-mail at

tcaimsiihelp@eis.army.mil

The TIS Web address has changed.
Please look for us and don't forget to
bookmark our new address at:
<https://www.tis.army.mil>

The Deployer Newsletter Subscription



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The Deployer POC listed below.

POC: Valerie Sparks (703) 752-0791

E-mail: **Valerie.Sparks@eis.army.mil**

Current TC ACCIS Installs

