

## Transportation Coordinators' Automated Information for Movements System II (TC-AIMS II)

### Executive Summary

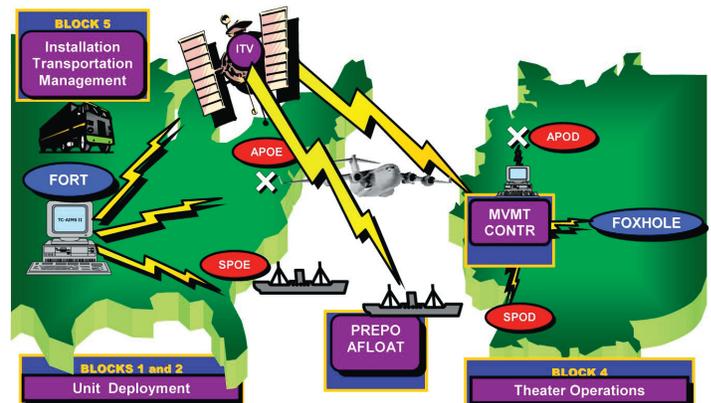
- The Transportation Coordinators' Automated Information for Movement System II (TC-AIMS) is an incremental development program. Block 1 received a full fielding decision to the Army and Navy in November 2002.
- The Army Test and Evaluation Command completed operational testing and verification of corrections to Block 2 in March 2005.
- DOT&E provided a memorandum on the results to the Milestone Decision Authority in April 2005. The system is operationally effective, suitable, and survivable for the Navy. The system is effective and survivable for the Army and is suitable for the Army when employed according to the new Army operational concept. The Army and Navy are fielding Block 2.
- TC-AIMS II Block 3 development is ongoing. The Army and Navy Block 3 OT&E is scheduled for 2QFY06.

### System

- The TC-AIMS II is a joint Major Automated Information System that interfaces with Joint and Service movement and command and control systems, providing commanders in-transit information during movement operations.
- The Army is fielding TC-AIMS II in five blocks:
  - Block 1: Basic unit moves
  - Block 2: Enhanced unit moves
  - Block 3: Movements control and planning graphics
  - Block 4: Theater Operations
  - Block 5: Installation Transportation Management Office/Traffic Management Office

### Activity

- The program office corrected TC-AIMS II Block 2 software anomalies and several interoperability shortcomings as a result of OT&E findings of not effective, not suitable, and not survivable in June 2004.
- The Army modified its deployment concept of operations to shift more responsibility to the unit mobility warrant officer in order to assist soldiers in preparing for and conducting a unit move.
- The Army Test and Evaluation Command conducted a verification of correction of deficiencies for Block 2 release in January-March 2005. Testing was conducted in accordance with DOT&E-approved test plans.
- Early planning was conducted to support Army and Navy Block 3 OT&E in FY06.



### Mission

Commanders utilize TC-AIMS II to execute movement operations. The system:

- Provides movement requirements to U.S. Transportation Command to order strategic movement assets in support of operations for combatant commanders
- Provides in-transit data to the Global Transportation Network in support of U.S. Transportation Command
- Supports day-to-day traffic management operations in support of the Installation/Traffic Management Office
- Supports in-theater distribution and movement control of deploying personnel and equipment in support of battle field commanders

### Assessment

- DOT&E recommended additional testing of Block 2 to verify correction of deficiencies.
- The program and functional managers improved suitability issues for the Army by modifying the responsibilities of the unit mobility warrant officers. The system is still difficult to operate by Army general-purpose users.

### Recommendation

1. The Army should continue the effort to make Block 2 more useable by the general-purpose user.

# ARMY PROGRAMS