

## Exhibit 300 FY2010

### RITAX004: Intermodal Transportation Data Base

#### Part I: Summary Information And Justification (All Capital Assets)

**Description:** In Part I, complete Sections A, B, C, and D for all capital assets (IT and non-IT). Complete Sections E and F for IT capital assets.

#### I.A. Overview (All Capital Assets)

**Description:** The following series of questions are to be completed for all investments.

I.A.1. Date of Submission:	2008-08-29
I.A.2. Agency:	021
I.A.3. Bureau:	53
I.A.4. Name of this Capital Asset: Description: (Up to 250 characters)	RITAX004: Intermodal Transportation Data Base (previously BTSXX004)
I.A.5. Unique Project (Investment) Identifier: Description: For IT investment only, see section 53. For all other, use agency ID system.	021-53-01-14-01-1220-00
I.A.6. What kind of investment will this be in FY2010? Description: Please NOTE: Investments moving to O&M in FY2010, with Planning/Acquisition activities prior to FY2010 should not select O&M. These investments should indicate their current status.	Mixed Life Cycle
I.A.8. Provide a brief summary and justification for this investment, including a brief description of how this closes in part or in whole an identified agency performance gap: Description: (Up to 2500 characters)	Objective intermodal transportation data and analyses are provided by RITA Bureau of Transportation Statistics for Congress, policymakers, industries, consumers and the general public. TranStats is a Congressionally-mandated system for disseminating intermodal transportation data in a format suitable for analysis and catering to the needs of decision-makers and transportation researchers. It consists of a Data Warehouse, a Web Site ( <a href="http://www.transtats.bts.gov">http://www.transtats.bts.gov</a> ) for public distribution, and an intranet to provide internal data analysis service. In FY2002, TranStats completed its development and went into the operations and maintenance phase of its lifecycle. TranStats was deemed mission critical by Office of Secretary of Transportation International and Aviation Affairs (OSTX) in their analyses that help formulate aviation policies affecting a trillion-dollar industry. TranStats was rebaselined in FY2005 and due to BTS budget cut in the Transportation Re-Authorization Bill (SAFETEA LU, 12/20/2005). Based on the newly defined RITA BTS strategic goals, TranStats reduced its O&M scope and placed its first priority on scheduled releases of timely, user-friendly, and high-quality airline data. In FY2005, TranStats became part of the Total Quality Management (TQM) task force to improve airline data quality, an effort jointly sponsored by OSTX and RITA BTS. The task force identified these performance gaps in airline data collection, processing, and dissemination: 1) The reporting carriers submit data in variegated formats, forcing a lot of manual processing. 2) The support tables used by RITA BTS to validate and process data lack internal consistency and referential integrity. 3) Internal data release is not complete, nor timely. 4) Data gaps are identified in OST Docket 1998-4043, which calls for a complete re-engineering of how airline TRAFFIC and O&D will be reported to DOT. TranStats was tasked to address gaps 1 to 3. It started project planning and a pilot project for web-filing in FY2005 to address Gap #1 and in FY 2006 started initial work on support table cleanup and maintenance (Gap#2) and Auto Flow (Gat #3). In FY2007, a new rebaseline request was granted to complete all the three enhancement tasks planned for 2007 through 2009 and put the project into mixed mode. In FY2010 it will return to Operation and Maintenance Mode.
I.A.9. Did the Agency's Executive/Investment Committee approve this request?	yes
I.A.9.a. If "yes," what was the date of this approval?	2006-09-01
I.A.10. Did the Project Manager review this Exhibit?	yes
I.A.12. Has the agency developed and/or promoted cost effective, energy-efficient and environmentally sustainable techniques or practices for this project?	no
I.A.12.a. Will this investment include electronic assets (including computers)?	yes
I.A.12.b. Is this investment for new construction or major retrofit of a Federal building or facility? (answer applicable to non-IT assets only)	no
I.A.12.b.1. If "yes," is an ESPC or UESC being used to help fund this investment?	
I.A.12.b.2. If "yes," will this investment meet sustainable design principles?	
I.A.12.b.3. If "yes," is it designed to be 30% more energy efficient than relevant code?	
I.A.13. Does this investment directly support any of the PMA initiatives?	no
I.A.13.a. If "yes," select all that apply:	
I.A.13.b. Briefly and specifically describe for each selected how	

<p>this asset directly supports the identified initiative(s)? (e.g. If E-Gov is selected, is it an approved shared service provider or the managing partner?)</p> <p>Description: (Up to 500 characters)</p>	
<p>I.A.14. Does this investment support a program assessed using the Program Assessment Rating Tool (PART)?</p> <p>Description: (For more information about the PART, visit <a href="http://www.whitehouse.gov/omb/part">www.whitehouse.gov/omb/part</a>.)</p>	yes
<p>I.A.14.a. If "yes," does this investment address a weakness found during a PART review?</p>	no
<p>I.A.14.b. If "yes," what is the name of the PARTed program?</p>	10004012 - Bureau of Transportation Statistics
<p>I.A.14.c. If "yes," what rating did the PART receive?</p>	Moderately Effective
<p>I.A.15. Is this investment for information technology?</p>	yes
<p>I.A.16 What is the level of the IT Project? (per CIO Council PM Guidance)</p> <p>Description: Level 1 - Projects with low-to-moderate complexity and risk. Example: Bureau-level project such as a stand-alone information system that has low- to-moderate complexity and risk.</p> <p>Level 2 - Projects with high complexity and/or risk which are critical to the mission of the organization. Examples: Projects that are part of a portfolio of projects/systems that impact each other and/or impact mission activities. Department-wide projects that impact cross-organizational missions, such as an agency-wide system integration that includes large scale Enterprise Resource Planning (e.g., the DoD Business Mgmt Modernization Program).</p> <p>Level 3 - Projects that have high complexity, and/or risk, and have government-wide impact. Examples: Government-wide initiative (E-GOV, President's Management Agenda). High interest projects with Congress, GAO, OMB, or the general public. Cross-cutting initiative (Homeland Security).</p>	Level 1
<p>I.A.17. In addition to the answer in 1.A.11.d, what project management qualifications does the Project Manager have? (per CIO Council PM Guidance)</p>	(1) Project manager has been validated as qualified for this investment
<p>I.A.18. Is this investment or any project(s) within this investment identified as "high risk" on the Q4-FY 2008 agency high risk report? (per OMB Memorandum M-05-23)</p>	no
<p>I.A.19. Is this a financial management system?</p>	no
<p>I.A.19.a. If "yes," does this investment address a FFMA compliance area?</p>	
<p>I.A.19.a.1. If "yes," which compliance area:</p> <p>Description: (Up to 250 characters)</p>	
<p>I.A.19.a.2. If "no," what does it address?</p> <p>Description: (Up to 500 characters)</p>	
<p>I.A.19.b. If "yes," please identify the system name(s) and system acronym(s) as reported in the most recent financial systems inventory update required by Circular A-11 section 52</p> <p>Description: (Up to 2500 characters)</p>	
<p>I.A.20. What is the percentage breakout for the total FY2010 funding request for the following?</p> <p>Description: (This should total 100%)</p>	
<p>I.A.20.a. Hardware</p>	0
<p>I.A.20.b. Software</p>	0
<p>I.A.20.c. Services</p>	100
<p>I.A.20.d. Other</p>	0
<p>I.A.21. If this project produces information dissemination products for the public, are these products published to the Internet in conformance with OMB Memorandum 05-04 and included in your agency inventory, schedules and priorities?</p>	yes
<p>I.A.23. Are the records produced by this investment appropriately scheduled with the National Archives and Records Administration's approval?</p>	yes
<p>I.A.24. Does this investment directly support one of the GAO High Risk Areas?</p>	no
<p><b>I.B. Summary of Spending (All Capital Assets)</b></p>	
<p>I.B.1 Summary of Spending Table</p> <p>Description: Provide the total estimated life-cycle cost for this investment by completing the following table. All amounts represent budget authority in millions, and are rounded to three decimal places. Federal personnel costs should be included only in the row designated "Government FTE Cost," and should be excluded from the amounts shown for "Planning," "Full Acquisition," and "Operation/Maintenance." The "TOTAL" estimated annual cost of the investment is the sum of costs for "Planning," "Full Acquisition," and "Operation/Maintenance." For Federal buildings and facilities, life-cycle costs should include long-term energy, environmental,</p>	

decommissioning, and/or restoration costs. The costs associated with the entire life-cycle of the investment should be included in this report.

Note: For the multi-agency investments, this table should include all funding (both managing partner and partner agencies). Government FTE Costs should not be included as part of the TOTAL represented.

I.B.1.a. Summary of Spending for Project Phases

	PY-1 and earlier	PY 2008	CY 2009	BY 2010
Planning	\$0.000	\$0.050	\$0.000	\$0.000
Acquisition	\$8.790	\$0.205	\$0.268	\$0.000
Subtotal Planning and Acquisition	\$8.790	\$0.255	\$0.268	\$0.000
Operations and Maintenance	\$5.858	\$0.710	\$0.935	\$0.877
TOTAL	\$14.648	\$0.965	\$1.203	\$0.877
Government FTE Costs	\$3.250	\$0.691	\$0.791	\$0.440

I.B.1.b. Summary of Spending for Project Phases (Government FTE Costs Only)

	PY-1 and earlier	PY 2008	CY 2009	BY 2010
Number of FTE represented by cost	24	4	4	3

I.B.2. Will this project require the agency to hire additional FTE's? no

I.B.2.a. If "yes," How many and in what year?

Description: (Up to 500 characters)

I.B.3. If the summary of spending has changed from the FY2009

President's budget request, briefly explain those changes:

Description: (Up to 2500 characters)

**I.D. Performance Information (All Capital Assets)**

I.D.1. Performance Information Table

Description: In order to successfully address this area of the exhibit 300, performance goals must be provided for the agency and be linked to the annual performance plan. The investment must discuss the agency's mission and strategic goals, and performance measures (indicators) must be provided. These goals need to map to the gap in the agency's strategic goals and objectives this investment is designed to fill. They are the internal and external performance benefits this investment is expected to deliver to the agency (e.g., improve efficiency by 60 percent, increase citizen participation by 300 percent a year to achieve an overall citizen participation rate of 75 percent by FY 2xxx, etc.). The goals must be clearly measurable investment outcomes, and if applicable, investment outputs. They do not include the completion date of the module, milestones, or investment, or general goals, such as, significant, better, improved that do not have a quantitative measure.

Agencies must use the following table to report performance goals and measures for the major investment and use the Federal Enterprise Architecture (FEA) Performance Reference Model (PRM). Map all Measurement Indicators to the corresponding "Measurement Area" and "Measurement Grouping" identified in the PRM. There should be at least one Measurement Indicator for each of the four different Measurement Areas (for each fiscal year). The PRM is available at [www.egov.gov](http://www.egov.gov). The table can be extended to include performance measures for years beyond the next President's Budget.

Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Grouping	Measurement Indicator
2005	Organizational Excellence	Customer Results	Delivery Time	Timely release of airline data (weekly for OSTX and government users; monthly or quarterly as scheduled for the general public).
2005	Organizational Excellence	Customer Results	Accuracy of Service or Product Delivered	All data errors flagged. Work with the customers and OAI to resolve the flagged errors.
2005	Organizational Excellence	Customer Results	Delivery Time	Timely release of airline data (weekly for OSTX and government users; monthly or quarterly as scheduled for the general public).
2005	Organizational Excellence	Mission and Business Results	Customer Services	Number of databases available to the users
2005	Organizational Excellence	Processes and Activities	Compliance	# of process improvements that lead to measurable cost savings and reduction in processing time
2005	Organizational Excellence	Technology	Availability	% of time TranStats web site is available to end users
2005	Organizational Excellence	Technology	Availability	% of time TranStats data

				warehouse is available to end users
2006	Organizational Excellence	Customer Results	Delivery Time	Timely release of airline data (daily for OSTX and government users; monthly or quarterly as scheduled for the general public).
2006	Organizational Excellence	Customer Results	Accuracy of Service or Product Delivered	All data errors flagged. Work with the customers and OAI to resolve the flagged errors.
2006	Organizational Excellence	Customer Results	Delivery Time	OSTX required data release
2006	Organizational Excellence	Customer Results	Customer Impact or Burden	Number of carriers filing data over the internet
2006	Organizational Excellence	Mission and Business Results	Customer Services	Number of hosted and linked databases available to the users
2006	Organizational Excellence	Processes and Activities	Compliance	# of process improvements that lead to measurable cost savings and reduction in processing time
2006	Organizational Excellence	Technology	Availability	% of time TranStats web site is available to end users
2007	Organizational Excellence	Customer Results	Delivery Time	Timely release of airline data (daily for OSTX and government users; monthly or quarterly as scheduled for the general public).
2007	Organizational Excellence	Customer Results	Customer Impact or Burden	Number of carriers filing data via the internet
2007	Organizational Excellence	Mission and Business Results	Customer Services	Number of hosted and linked databases available to the users
2007	Organizational Excellence	Processes and Activities	Efficiency	measurable cost savings and reduction in processing time
2007	Organizational Excellence	Technology	Availability	% of time TranStats web site is available to end users
2008	Organizational Excellence	Customer Results	Delivery Time	% of time scheduled data are released on time
2008	Organizational Excellence	Customer Results	Delivery Time	% of web queries performed in 15 sec. or less
2008	Organizational Excellence	Customer Results	Customer Impact or Burden	# of carriers filing data via the internet
2008	Organizational Excellence	Mission and Business Results	Customer Services	Number of hosted and linked databases available to the users
2008	Organizational Excellence	Processes and Activities	Productivity	# of process improvements that lead to measurable cost savings and reduction in processing time
2008	Organizational Excellence	Technology	IT Contribution to Process, Customer, or Mission	% of time TranStats web site is available to the public
2008	Organizational Excellence	Technology	IT Contribution to Process, Customer, or Mission	% of time internal database is available to users
2009	Organizational Excellence	Customer Results	Delivery Time	Time lapse between data processed and data released for internal users
2009	Organizational Excellence	Customer Results	Delivery Time	Time lapse between data processed and data available to internal users
2009	Organizational Excellence	Customer Results	Delivery Time	% of time scheduled data are released on time
2009	Organizational Excellence	Customer Results	Customer Impact or Burden	# of carriers filing data via the internet
2009	Organizational Excellence	Processes and Activities	Productivity	# of contractor hours reduced due to completion of e-filing applications, which eliminate the need for keying data from hard copies.
2009	Organizational Excellence	Technology	IT Contribution to Process, Customer, or Mission	% of time TranStats web site is available to end users
2009	Organizational Excellence	Technology	IT Contribution to Process, Customer, or Mission	% of time internal database is available to users
2009	Reduced Congestion	Mission and Business Results	Customer Services	Number of hosted and linked databases available to the users
2010	Organizational Excellence	Customer Results	Delivery Time	Time lapse between data processed and data released for internal users

2010	Organizational Excellence	Customer Results	Delivery Time	Time lapse between data processed and data available to internal users
2010	Organizational Excellence	Customer Results	Delivery Time	% of time scheduled data are released on time
2010	Organizational Excellence	Customer Results	Customer Impact or Burden	# of carriers filing data via the internet
2010	Organizational Excellence	Processes and Activities	Productivity	# of contractor hours reduced due to completion of e-filing applications, which eliminate the need for keying data from hard copies.
2010	Organizational Excellence	Technology	IT Contribution to Process, Customer, or Mission	% of time TranStats web site is available to end users
2010	Organizational Excellence	Technology	IT Contribution to Process, Customer, or Mission	% of time internal database is available to users
2010	Reduced Congestion	Mission and Business Results	Customer Services	Number of hosted and linked databases available to the users

### I.F. Enterprise Architecture (EA) (IT Capital Assets only)

**Description:** In order to successfully address this area of the capital asset plan and business case, the investment must be included in the agency's EA and Capital Planning and Investment Control (CPIC) process and mapped to and supporting the FEA. The business case must demonstrate the relationship between the investment and the business, performance, data, services, application, and technology layers of the agency's EA.

I.F.1. Is this investment included in your agency's target enterprise architecture?	yes
I.F.1.a. If "no," please explain why? Description: (Up to 2500 characters)	
I.F.2. Is this investment included in the agency's EA Transition Strategy?	yes
I.F.2.a. If "yes," provide the investment name as identified in the Transition Strategy provided in the agency's most recent annual EA Assessment. Description: (Up to 500 characters)	RITAX004: Intermodal Transportation Data Base (TranStats)
I.F.2.b. If "no," please explain why? Description: (Up to 2500 characters)	
I.F.3. Is this investment identified in a completed and approved segment architecture?	yes
I.F.3.a. If "yes," provide the six digit code corresponding to the agency segment architecture. The segment architecture codes are maintained by the agency Chief Architect. For detailed guidance regarding segment architecture codes, please refer to <a href="http://www.egov.gov">http://www.egov.gov</a> . Description: (In the format "XXX-000")	214-000

#### I.F.4. Service Component Reference Model (SRM) Table

**Description:** Identify the service components funded by this major IT investment (e.g., knowledge management, content management, customer relationship management, etc.). Provide this information in the format of the following table. For detailed guidance regarding components, please refer to <http://www.egov.gov>.

- Use existing SRM Components or identify as "NEW". A "NEW" component is one not already identified as a service component in the FEA SRM.
- A reused component is one being funded by another investment, but being used by this investment. Rather than answer yes or no, identify the reused service component funded by the other investment and identify the other investment using the Unique Project Identifier (UPI) code from the OMB Ex 300 or Ex 53 submission.
- 'Internal' reuse is within an agency. For example, one agency within a department is reusing a service component provided by another agency within the same department. 'External' reuse is one agency within a department reusing a service component provided by another agency in another department. A good example of this is an E-Gov initiative service being reused by multiple organizations across the federal government.
- Please provide the percentage of the BY requested funding amount used for each service component listed in the table. If external, provide the percentage of the BY requested funding amount transferred to another agency to pay for the service. The percentages in this column can, but are not required to, add up to 100%.

Agency Component Name	Agency Component Description	FEA SRM Service Type	FEA SRM Component (a)	Service Component Reused - Component Name (b)
TranStats Data Warehouse	Databases housed by the TranStats System organized and indexed for quick access and exploration of data in the magnitude of hundreds of millions of records.	Data Management	Data Warehouse	
TranStats Ad Hoc Reports	Applications and tools hosted on the TranStats website ( <a href="http://www.transtats.bts.gov">www.transtats.bts.gov</a> ) that allow summary data exploration (including crosstabs and time	Reporting	Ad Hoc	

	series) of most of the databases hosted on the TranStats system with a number specialized applications developed to summarize and present data of a special nature, such as Border Crossing and Ferry data.			
TranStats Grapning/Charting	Applications and tools hosted on the TranStats website (www.transtats.bts.gov) that present data summary both in tables and charts.	Visualization	Graphing / Charting	
TranStats Data Cleansing	Databases housed by the TranStats system where a data checking and error flag process has been established for each data release.	Data Management	Data Cleansing	
TranStats Mathematical Analysis	Applications and tools hosted on the TranStats website (www.transtats.bts.gov) that allow summary data exploration (including one-way, crosstabs and time series) of most of the databases hosted on the TranStats system with a number specialized applications developed to dynamically summarize and present data of a special nature, such as Border Crossing and Ferry data.	Analysis and Statistics	Mathematical	
TranStats Decision Support and Planning	Airline data preprocessed with metadata accessible via intranet and 3rd party applications in support of decision making by the OSTX-50 of the Department of Transportation.	Business Intelligence	Decision Support and Planning	
TranStats Content Publishing and Delivery	TranStats web dissemination of data and statistics	Content Management	Content Publishing and Delivery	
TranStats Knowledge Distribution and Delivery	TranStats web dissemination of data and statistics	Knowledge Management	Knowledge Distribution and Delivery	
TranStats Meta Data Management	Databases housed by the TranStats system supported by metadata created by transportation experts and statisticians, based on user requirements.	Data Management	Meta Data Management	

#### I.F.5. Technical Reference Model (TRM) Table

Description: To demonstrate how this major IT investment aligns with the FEA Technical Reference Model (TRM), please list the Service Areas, Categories, Standards, and Service Specifications supporting this IT investment.

- a. Service Components identified in the previous question should be entered in this column. Please enter multiple rows for FEA SRM Components supported by multiple TRM Service Specifications.
- b. In the Service Specification field, agencies should provide information on the specified technical standard or vendor product mapped to the FEA TRM Service Standard, including model or version numbers, as appropriate.

FEA SRM Component (a)	FEA TRM Service Area	FEA TRM Service Category	FEA TRM Service Standard	Service Specification (b) (i.e., vendor and product name)
Content Publishing and Delivery	Component Framework	Business Logic	Platform Independent Technologies	JavaScript
Content Publishing and Delivery	Component Framework	Data Management	Database Connectivity	Active Data Objects (ADO)
Knowledge Distribution and Delivery	Component Framework	Data Management	Database Connectivity	Open Database Connectivity (ODBC)
Knowledge Distribution and Delivery	Service Access and Delivery	Service Transport	Service Transport	Hyper Text Transfer Protocol (HTTP)
Data Warehouse	Service Interface and Integration	Integration	Enterprise Application Integration	Sybase IQ
Meta Data Management	Service Interface and Integration	Integration	Middleware	Database Access: OPEN ANSI SQL/92
Graphing / Charting	Service Interface and Integration	Integration	Middleware	Object Request Broker (ORB): Component Object Model (COM)

Data Cleansing	Service Platform and Infrastructure	Database / Storage	Database	Sybase IQ
Data Warehouse	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	Enterprise Server
Content Publishing and Delivery	Service Platform and Infrastructure	Delivery Servers	Web Servers	Internet Information Server
Knowledge Distribution and Delivery	Service Platform and Infrastructure	Delivery Servers	Web Servers	Internet Information Server
Graphing / Charting	Service Platform and Infrastructure	Delivery Servers	Application Servers	CORDA PopChart
Content Publishing and Delivery	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	Enterprise Server
Knowledge Distribution and Delivery	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	Enterprise Server
Content Publishing and Delivery	Service Access and Delivery	Delivery Channels	Internet	Microsoft IIS
Knowledge Distribution and Delivery	Service Access and Delivery	Delivery Channels	Intranet	Microsoft ODBC
Content Publishing and Delivery	Service Access and Delivery	Service Transport	Service Transport	Hyper Text Transfer Protocol (HTTP)
Ad Hoc	Service Interface and Integration	Integration	Middleware	Database Access: OPEN ANSI SQL/92
Decision Support and Planning	Service Platform and Infrastructure	Delivery Servers	Application Servers	SAS
Data Cleansing	Service Platform and Infrastructure	Database / Storage	Database	SQL Server
Data Cleansing	Service Platform and Infrastructure	Database / Storage	Database	Oracle
Mathematical	Service Access and Delivery	Delivery Channels	Internet	Microsoft IIS
Knowledge Distribution and Delivery	Component Framework	User Presentation / Interface	Dynamic Server-Side Display	Microsoft .Net Framework

I.F.6. Will the application leverage existing components and/or applications across the Government (e.g. USA.gov, Pay.gov, etc.)? no

I.F.6.a. If "yes," please describe.  
Description: (Up to 2500 characters)

### Part IV: Planning for "Multi-Agency Collaboration" ONLY

Description: Part IV should be completed only for investments identified as an E-Gov initiative, a Line of Business (LOB) Initiative, or a Multi-Agency Collaboration effort. The "Multi-Agency Collaboration" choice should be selected in response to Question 6 in Part I, Section A above. Investments identified as "Multi-Agency Collaboration" will complete only Parts I and IV of the exhibit 300.

### IV.A. Multi-Agency Collaboration Oversight (All Capital Assets)

Description: Multi-agency Collaborations, such as E-Gov and LOB initiatives, should develop a joint exhibit 300.

#### IV.A.1. Stakeholder Table

Description: As a joint exhibit 300, please identify all the agency stakeholders (all participating agencies, this should not be limited to agencies with financial commitment). All agency stakeholders should be listed regardless of approval. If the partner agency has approved this joint exhibit 300 please provide the date of approval.

IV.A.9. Will the selected alternative replace a legacy system in-part or in-whole?

IV.A.9.a. If "yes," are the migration costs associated with the migration to the selected alternative included in this investment, the legacy investment, or in a separate migration investment?

IV.A.9.b. If "yes," please provide the following information: