



Transaction Reporting System (TRS)

Payment Management Customer Conference

August 25, 2010
Broomfield, Colorado

Christina Cox, PMP® / FMS HQ

Agency Testimonial:

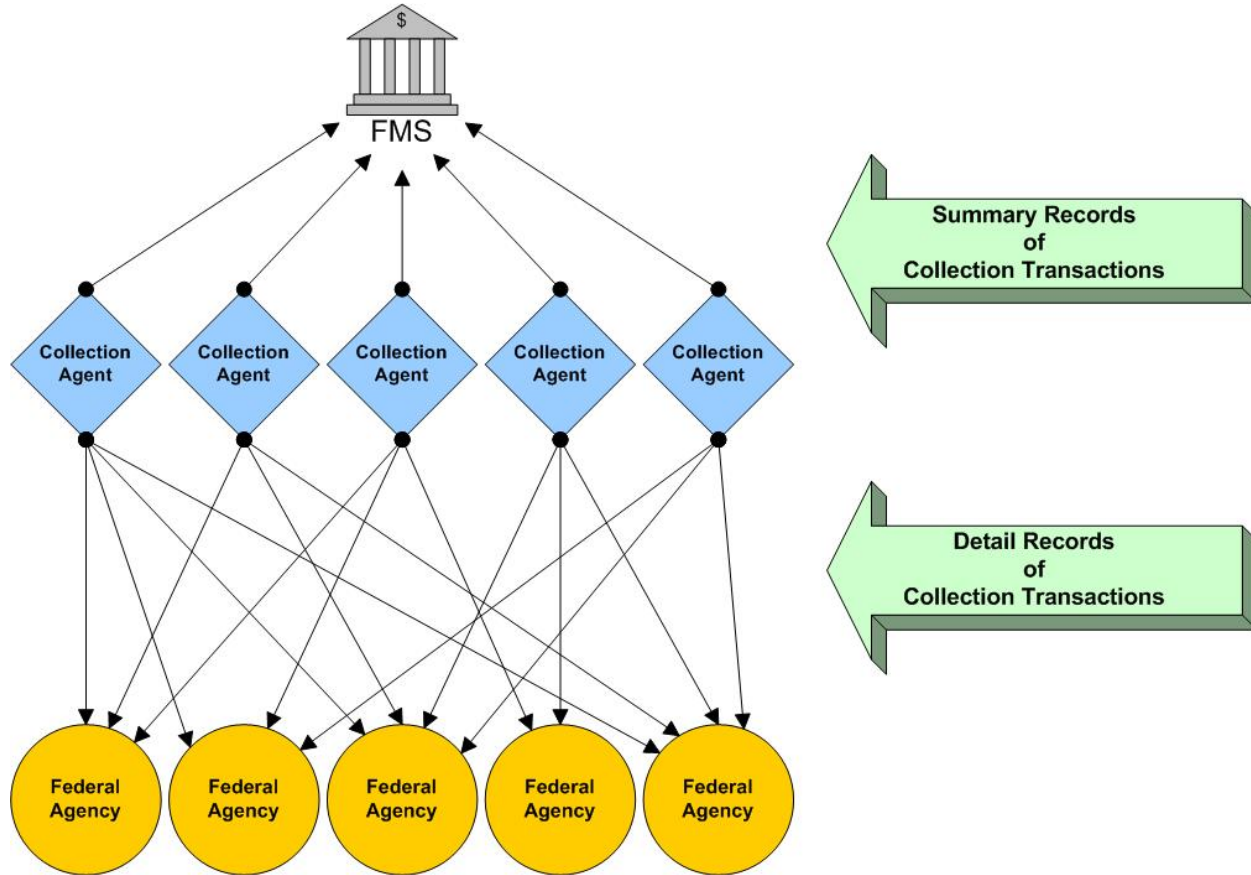
Jim Bates, Small Business Administration

- TRS Background
- A Comparison: TRS to CA\$HLINK II
- Agency Reports & File Transmissions
- Sample Reports
- Release Strategy
- What Does Agency Enrollment Look Like?
- Agency Testimonial: Jim Bates, Small Business Administration
- Questions

TRS Background

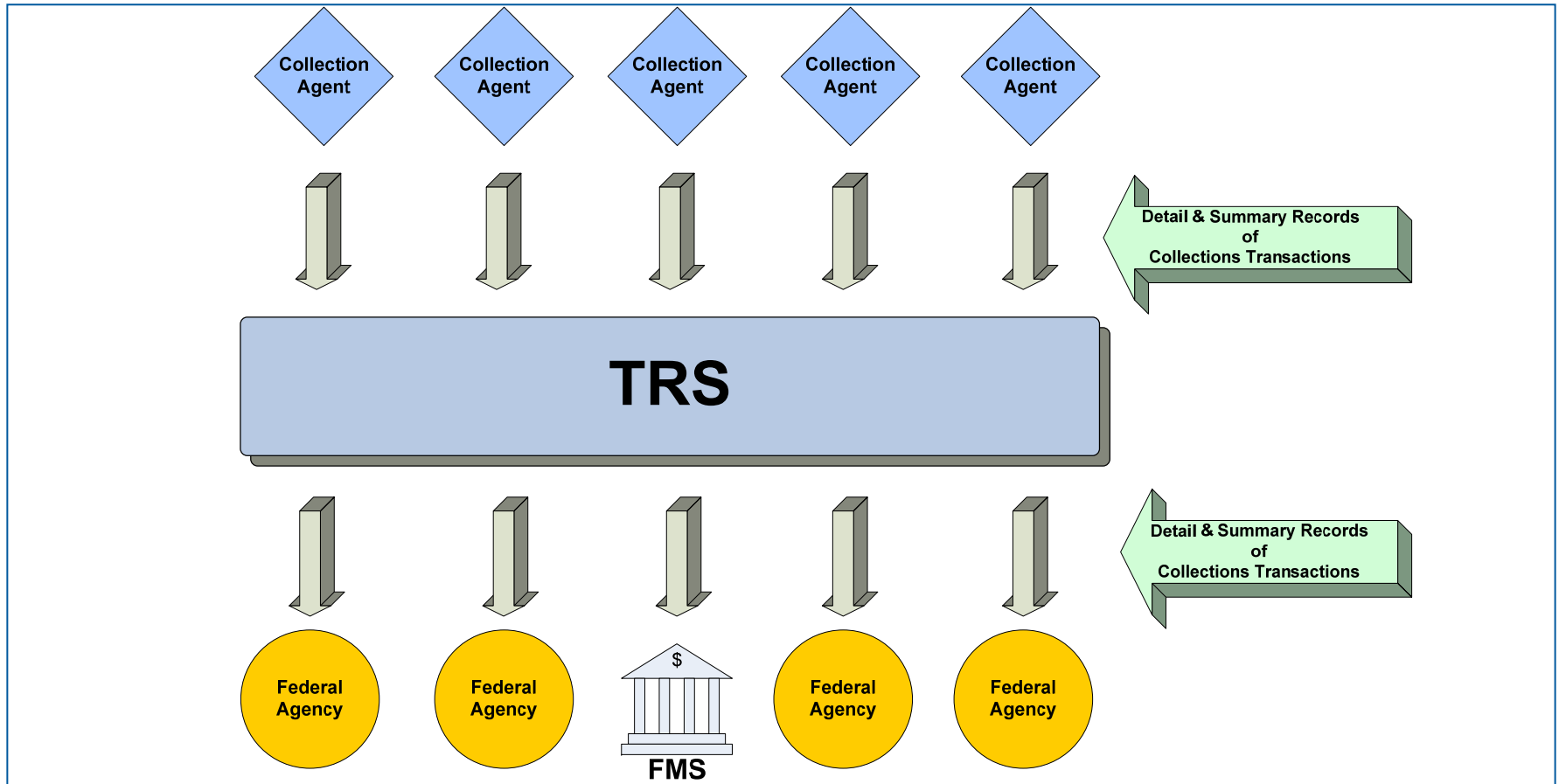
TRS is an FMS-wide transaction broker, data warehouse, and reporting solution. TRS will:

- Provide a single touch point for the exchange of all financial transactions across all collections systems
- Offer a centralized repository containing detailed and summarized records of all revenue collections transactions processed by FMS systems
- Facilitate Collections & Cash Management Modernization (CCMM)
- Support reporting of classification information for the Governmentwide Accounting (GWA) Modernization initiative
- Normalize financial transaction reporting and standardize the availability of financial information across all settlement mechanisms and collections systems



TRS

Future Information Flow



■ Types of Data

- **Financial Data** – All information needed to settle a transaction, move funds to the Treasury, and perform other financial and accounting functions.
- **Program Data** – Unstructured agency-specific data associated with collections. Typically, it includes remittance information posted to receivables.

■ Planned retention periods

- Financial data – 7 years
- Program data – 7 years
- Litigation-related data – indefinitely



A Comparison: TRS to CA\$HLINK II

CA\$HLINK II

- A deposit reporting application
- Supports multiple functions including deposit reporting, Fedwire and REX transaction processing, cash concentration, and voucher corrections
- Does not support reporting of Treasury Account Symbols (TAS) & Business Event Type Codes (BETC)

TRS

- Will report both deposits & detail of collections transactions
- Solely a reporting solution for deposits and the detail of collections transactions
- Will support reporting of classification codes to GWA

TRS

Comparing TRS Data to CA\$HLINK II

Data

Data	CA\$HLINK II	TRS
Deposit Data (Collections Vouchers-215, 5515)	Yes	Yes
Collections Transaction Detail Data	Limited; Fedwire and REX only	All that is available from collections sources
Adjustments and Corrections made in STAR	Yes	No
Vouchers for payments made through FRB	Yes	No
Classification codes (TAS/BETC or Classification Key/Value)	No	Yes
Additional Deposit Data entered in TGAnet	No	Yes

Features / Functions

Feature/Function	CA\$HLINK II	TRS	Notes
Online Reports	Yes Limited	Yes	<p>CA\$HLINK II: -Reports of vouchers, Fedwire messages, REX ACH</p> <p>TRS: -Integrated reports of vouchers and collections transaction detail</p>
Scheduled & downloadable reports	Yes Limited	Yes	<p>CA\$HLINK II: -Comma delimited data for vouchers and Fedwire messages -ACH format for REX data</p> <p>TRS: -Vouchers and collections transaction detail for all available transactions -Comma delimited, Excel, or PDF formats as generated by Business Objects</p>
Notifications	In application	Emailed	

TRS

Comparing TRS Features to CLII

Features / Functions (continued)

Feature/Function	CA\$HLINK II	TRS	Notes
Security Based on ALC	Yes	Yes	
File Transmissions	Yes	Yes	CA\$HLINK II: - Custom formats were used in some cases - Transmissions primarily by Connect:Direct TRS: - Only FMS XML Transaction Schema - Transmissions using Connect:Direct
User access software	PC-based	Web-based	
Voucher & Fedwire Corrections	Yes	No	
Create REX returns & Fedwire reversals	Yes	No	
Online entry of deposit data	Yes	No	



Agency Reports & File Transmissions

- TRS generates reports via a commercial off-the-shelf product called Business Objects (BO)
- Reports can be accessed online and downloaded into PDF, Excel and CSV formats
- User can customize standard reports with search criteria and save to a personal folder
- Reports can be scheduled

- TRS will provide standard reports:
 - Deposit level reports equivalent to those currently available
 - Detailed reports that will allow the user to see financial detail associated with deposit data
 - GWA classification data will be associated with summary and detail data
- TRS report development continues

- Files are transmitted in FMS XML Schema format
- Agency selects content
 - Detail only
 - Summary only – deposit level data
 - Summary and detail
- Agency selects parameters
 - Frequency
 - Selection criteria (ALCs, accounts, date range, input systems, etc.)
- Files can be:
 - Pushed via Connect:Direct
 - Downloaded from TRS application

Sample Reports

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Transaction Reporting System (TRS)

Voucher Report

Search Criteria

Business Date:	Between 11/18/2009 and 11/18/2009
CAN:	All
ALC:	70010004
Voucher Number:	All
Amount:	Between \$0.00 and \$100,000,000,000,000.00

Deposit Date:	Between 1/1/2000 and 12/31/2099
Voucher Date:	Between 1/1/2000 and 12/31/2099
ABA:	All
Collection System:	All

Sort Order

Business Date, CAN, ALC, Voucher Type

Report Summary

Total Credit Amount	Total Debit Amount	Total Net Amount	Total Credit Count	Total Debit Count	Total Count of Vouchers
\$2,816,142.88	\$14,156.75	\$2,801,986.13	5	3	8

Vouchers

Voucher Number	Voucher Date	Voucher Amount	Credit Ind	Voucher Type	Voucher ALC	CAN	Deposit Date	Business Date	Collection System	Number of Financial Transactions
289424	11/18/2009	\$1,276,643.78	Y	215C	70010004	001080	11/18/2009	11/18/2009	FDS	11
121413	11/18/2009	\$1,529,420.00	Y	215	70010004	005989	11/18/2009	11/18/2009	TGAnet	0
121412	11/18/2009	\$340.00	N	5515	70010004	005989	11/18/2009	11/18/2009	TGAnet	0
121410	11/18/2009	\$1,030.00	Y	215	70010004	006074	11/18/2009	11/18/2009	TGAnet	0
121414	11/18/2009	\$490.00	Y	215	70010004	006074	11/18/2009	11/18/2009	TGAnet	0
498541	11/17/2009	\$8,559.12	Y	215	70010004	006224	11/18/2009	11/18/2009	Card Acquiring Service	27

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Transaction Reporting System (TRS)

Voucher Report

Vouchers

Voucher Number	Voucher Date	Voucher Amount	Credit Ind	Voucher Type	Voucher ALC	CAN	Deposit Date	Business Date	Collection System	Number of Financial Transactions
498536	11/17/2009	\$46.75	N	5515	70010004	006224	11/18/2009	11/18/2009	Card Acquiring Service	3
121411	11/18/2009	\$13,770.00	N	5515	70010004	006239	11/18/2009	11/18/2009	TGAnet	0

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Transaction Reporting System (TRS)

Voucher Detail Report

Deposit Information

Voucher Number:	121410
Voucher Date:	11/18/2009
Voucher Amount:	\$1,030.00
Voucher ALC:	70010004
Business Date:	11/18/2009
CAN:	006074
Adjustment Indicator:	N
Adjustment Reason:	
Adjustment Reference ID:	
Financial Transaction Count:	0
Cash Flow ID:	
Cash Flow Name:	
Reference Number:	
Reference Code:	
Reference Name:	

Deposit Date:	11/18/2009
Credit Indicator:	Y
Voucher Type:	215
ABA:	121000358
Financial Institution Name:	
Deferred 1 Day Amount:	
Deferred 2 Day Amount:	
CLII Trace Number:	
Collection System:	TGAnet
Office Location Code:	
Commercial Indicator:	Y
Cost Center Work Unit Code:	
Revenue Source Code:	
Federal Account Key Code:	
Agency Account ID:	

Reference Text

CVC-10-0001

Voucher Comments

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Transaction Reporting System (TRS)

Voucher Detail Report

Additional Data

Foreign Currency Amount:	
Foreign Currency Code:	
Foreign Exchange Rate:	
Foreign Check Indicator:	N

Accounting Period:	2010
Receipt From Date:	11/18/2009
Receipt To Date:	11/18/2009

Organization Hierarchy

Level	Code
1	DEMO
2	DEMO
3	CVC-CIS

Reported Classification(s)

CKey Class Name	CKey Class Value	Tax Class Code	Classification Total Amount
Item Type	36 70X5088.1		\$110.00
Item Type	N6 70X5088.1		\$920.00

Program Data

Reference Number	Reference Code	Reference Name	Reference Text
		Deposit Number	
User Data Content			
CVC-10-0001			



Plastic Card Summary Report

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Transaction Reporting System (TRS)

Plastic Card Summary Report

Search Criteria

ALC:	70010004
Amount:	Between \$0.00 and \$100,000,000,000,000.00
Card Number:	All
Credit Ind:	All
Merchant ID:	All
Settlement Date:	Between 1/1/2000 and 12/31/2099

ALC Group:	Individual ALCs
Business Date:	Between 11/18/2009 and 11/18/2009
Chain/Division:	All
Financial Transaction Type:	All
Payment Type:	All
Voucher Number:	All

Sort Order

ALC, Voucher Number, Merchant ID, Business Date

Report Summary

Payment Type	Total Credit Amount	Total Debit Amount	Total Net Amount	Total Credit Count	Total Debit Count	Total Transaction Count
CRT	\$8,559.12	\$0.00	\$8,559.12	27	0	27
DBT	\$0.00	\$46.75	(\$46.75)	0	3	3
Grand Total	\$8,559.12	\$46.75	\$8,512.37	27	3	30

Voucher

Voucher Number	Voucher Date	Deposit Date	Voucher Type	ALC	Number of Plastic Card Transactions	Credit Ind	Voucher Amount
498536	11/17/2009	11/18/2009	5515	70010004	3	N	\$46.75

Plastic Card Summary Report, P. 2

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Transaction Reporting System (TRS)

Plastic Card Summary Report

Plastic Card Transactions

Source Financial Transaction ID	Chain/ Division	Merchant ID	Merchant Store Number	Settlement Date	Financial Transaction Type	Payment Type	Credit Ind	Financial Transaction Amount
24445000151286918088788	0E3941003	4445001055897	000000003	11/18/2009	Return	DBT	N	\$21.25
05436840151286696294700	0E3941003	4445001055897	000000003	11/18/2009	Return	DBT	N	\$12.75
24445000151286904015433	0E3941003	4445001055897	000000003	11/18/2009	Return	DBT	N	\$12.75

Voucher

Voucher Number	Voucher Date	Deposit Date	Voucher Type	ALC	Number of Plastic Card Transactions	Credit Ind	Voucher Amount
498541	11/17/2009	11/18/2009	215	70010004	27	Y	\$8,559.12

Plastic Card Transactions

Source Financial Transaction ID	Chain/ Division	Merchant ID	Merchant Store Number	Settlement Date	Financial Transaction Type	Payment Type	Credit Ind	Financial Transaction Amount
24445000152287606479344	0F0380003	4445001306035	000000003	11/18/2009	Collection	CRT	Y	\$1,704.24
24445000152287816105644	0F0380003	4445001306035	000000003	11/18/2009	Collection	CRT	Y	\$190.24
24445000152287690485300	0F0380003	4445001306035	000000003	11/18/2009	Collection	CRT	Y	\$100.44
05436840152287543978355	0F0380003	4445001306035	000000003	11/18/2009	Collection	CRT	Y	\$226.53
24445000152287731831411	0F0380003	4445001306035	000000003	11/18/2009	Collection	CRT	Y	\$500.00
05436840152287538443400	0F0380003	4445001306035	000000003	11/18/2009	Collection	CRT	Y	\$50.00
24445000152287865618955	0F0380003	4445001306035	000000003	11/18/2009	Collection	CRT	Y	\$215.08
24445000152287682999100	0F0380003	4445001306035	000000003	11/18/2009	Collection	CRT	Y	\$134.96
24445000152287839189088	0F0380003	4445001306035	000000003	11/18/2009	Collection	CRT	Y	\$259.29

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Transaction Reporting System (TRS)

Plastic Card Detail Report

Voucher Details

Voucher Number	Voucher Date	Deposit Date	Voucher Type	ALC	Number of Plastic Card Transactions	Credit Ind	Voucher Amount
498536	11/17/2009	11/18/2009	5515	70010004	3	N	\$46.75

Detailed Data for Transaction 24445000151286918088788

Card Holder Data

Card Holder Name	Card Number	Address Line 1	City	State	Postal Code
	567888XXXXXX9999				

Account Type	Card Product Type	Card Bank Name	Card Expiration Date	Card Network Type	Card Product Code
	JD		1114	VISA	H

Plastic Card Details

Chain/Division	ALC	CAN	Payment Type	Business Date	Settlement Date	Draft Locator Number/Transaction Sequence Number	Financial Transaction Type
0E3941003	70010004	006224	DBT	11/18/2009	11/18/2009	61631619	Return

Credit Ind	Financial Transaction Amount	Channel Type	Payment Medium Name	Recurring Ind	Financial Transaction Reference ID	Transaction Date	Transaction Time	Time Zone
N	\$21.25		CreditCard		61631619	11/17/2009	12:01:42 AM	EDT

Merchant Data

Merchant Name	Address Line 1	City	State	Postal Code	Merchant ID
USAF/AMC PASSNGR FEES-RAMAPO AE	721ST APS/TRP UNIT 3295	APO	AE	09094	4445001055897

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Transaction Reporting System (TRS)

Plastic Card Detail Report

Terminal Number	Store Person ID	Merchant Store Number	Plastic Merchant Number	Plastic Merchant Category Code	Register Number
000001055897006	000000000	000000003		9399	0

Credit Transaction Details

Authorization Characteristics Ind	Authorization Code	Authorization Source	AVS Response Code	Network Response Fields	Chargeback Record Number	Client Batch Number	Point Of Sale Entry Mode	Cash Back Amount
E	160119	5		00		0088	90	

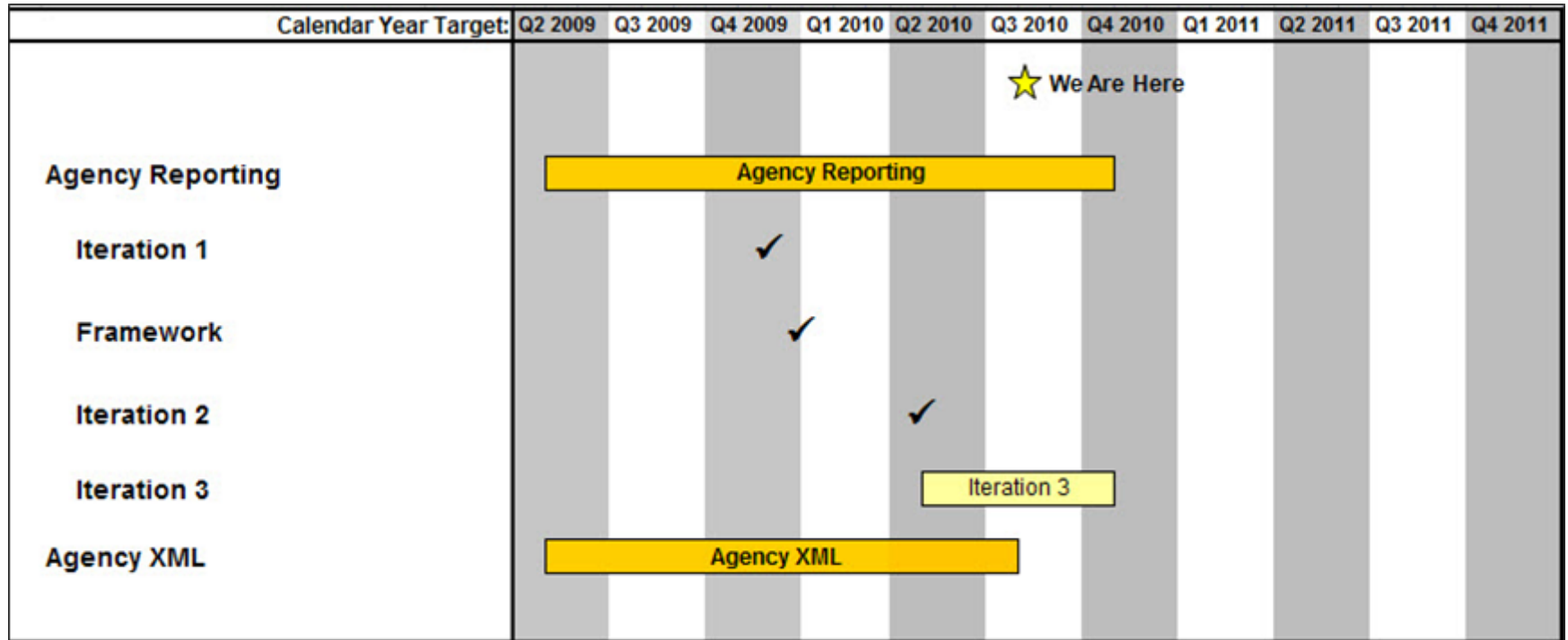
Surcharge/ Interchange Adjustment Reason Code	Surcharge/ Interchange Adjustment Amount	Original Interchange Ind	Interchange Amount	Interchange Code	Credit Card Response Code	Reason Code	Card Holder Activated Terminal Indicators
	\$0.05		\$0.40	000225253			

Reported Classification(s)

Key Class Name	Key Class Value	Tax Class Code	Classification Total Amount
Merchant ID	4445001055897		(\$21.25)

Release Strategy

TRS Timeline – Software Release Projects



Plan dates are current targets as of 7/12/10 and subject to change

TRS Collections Data Availability Plan

Calendar Year Target:	Existing	Q3 2010	Q4 2010	Q1 2011	Q2 2011
Transaction Reporting System (TRS)		★ We Are Here			
TGAnet	✓				
Fedwire Deposit System	✓				
PATAX-TIP	✓				
Card Acquiring Service	✓				
Credit Gateway		⊙			
EFTPS			⊙		
Pay.gov				⊙	
ECP				⊙	
OTCnet					⊙

Plan dates are current targets as of 7/12/10 and subject to change



What Does TRS Agency Enrollment Look Like?

- TRS Team has grouped agencies into three waves to stage enrollment, based on:
 - Data available in TRS
 - Need for same-day Fedwire and pre-settled Automated Clearing House Network (ACH) data
 - Agency involvement with TRS activities
- Approximately 44 agencies are in various stages of enrollment
- Agencies Enrolled in TRS
 - Small Business Administration
 - Department of Homeland Security/Customs and Border Protection
 - US Agency for International Development
 - US Patent and Trademark Office
 - Tennessee Valley Authority
 - Federal Deposit Insurance Corporation
 - Dept of Treasury / Office of the Comptroller of the Currency
 - Dept of Energy / Western Area Power Administration
 - US Railroad Retirement Board
 - Export Import Bank of America

Wave 1 (Now through Sept 2010)	Wave 2 (Q3 2010 – Q2 2011)	Wave 3 (Q2 2011 – Q4 2011)
<ul style="list-style-type: none"> ■ Data available in TRS ■ Need real-time, same-day Fedwire messages ■ Need pre-settled ACH items 	<ul style="list-style-type: none"> ■ Data available in TRS ■ Initial TRS Pilots ■ Agencies which have requested to enroll in TRS ■ Active in TRS feedback activities ■ Attended “Intro to TRS” session ■ Agencies with all collections reported through TRS 	<ul style="list-style-type: none"> ■ Data available in TRS ■ Remaining agencies

Phase	Time Frame	Impact to Existing Processes	Details
<p>Short to Medium Term</p>	<p>Approximately the first year of TRS enrollment</p>	<p>None to Minimal</p> <p>**</p>	<ul style="list-style-type: none"> ■ Granted access to TRS, but continue to use CA\$HLINK II & other collection sources for day-to-day operations ■ Opportunity to compare TRS and CA\$HLINK II functionality ■ Ample time for users to acclimate to TRS ■ There are no other required process changes
<p>Long Term</p>	<p>1-4 years</p>	<p>Minimal to Significant</p>	<ul style="list-style-type: none"> ■ CA\$HLINK II is decommissioned (2012) ■ TRS is the primary system for Federal collections reporting ■ Direct data feeds from collection channels may be turned off

** Remittance Express and Fedwire Deposit System users must utilize TRS to access same-day Fedwires and pre-settled ACH beginning September 13, 2010 when Credit Gateway is implemented

1. TRS Team contacts agency to confirm readiness to begin enrollment process
2. Agency completes the TRS Enrollment Initiation Questionnaire
3. Agency transition team reviews TRS informational website
4. TRS Team conducts kick-off meeting to discuss security access and enrollment configuration necessary in TRS for agency's users
 - Confirm collections data access needs in TRS
 - Define TRS Access Groups and User Profiles
 - Other agency-specific topics, as needed
 - Next Steps

5. TRS Team prepares TRS Enrollment Configuration Summary to document access group and user profile information
6. Upon Agency and FMS approval, TRS Team creates access group and user profiles in TRS
7. Agency users are provided with TRS User ID and password
8. Users may access TRS and web-based training



Agency Testimonial:

**Jim Bates,
Small Business Administration**

Questions

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- TRS Website:
 - <http://fms.treas.gov/trs/>
- TRS Agency Outreach Team
 - 301-699-6814
 - TRSAgencyOutreach@pnc.com
- TRS Project
 - Monica Shelton
 - 202-874-1346
 - Monica.Shelton@fms.treas.gov
- FMS Agency Relationship Management Division
 - www.fms.treas.gov/crm/contacts.html
- FMS Governmentwide Accounting Modernization Directorate Agency Liaison
 - Michael Norman
 - 202-874-8788
 - Michael.Norman@fms.treas.gov
- FMS Collections and Cash Management Modernization
 - <http://fms.treas.gov/ccmm/>
- FMS Credit Gateway
 - Randolph Maxwell, FMS Program Mgr
 - 202-874-3720
 - settlement.services@fms.treas.gov

- FMS XML Schema Version 4.4: <http://fms.treas.gov/eda/xml>
- Treasury OTC Support Center: 1-866-945-7920
- Federal Reserve Financial Services website:
 - www.frbervices.org/campaigns/remittance
- Fedwire Funds Service Message Format Changes for Business Remittance Information Frequently Asked Questions (FAQ)
 - www.frbervices.org/campaigns/remittance/files/remittance_faq.pdf
- Fedwire Funds Service Format Reference Card
 - www.frbervices.org/campaigns/remittance/files/funds_ref_card_faim.pdf