September 30, 2002

CHARLES E. BRAVO SENIOR VICE PRESIDENT, CHIEF TECHNOLOGY OFFICER

SUBJECT: Audit Report – Team Enterprise Initiative (Report Number EM-AR-02-014)

This report presents the results of our review of the Team Enterprise Initiative (Project Number 02BG011EM000). The self-initiated review was part of an on-going series of audits to review systems during the systems development life cycle process. The objectives of our audit were to: (1) assess the adequacy of Team Enterprise project definition and planning, (2) evaluate whether Postal Service management clearly defined requirements for applications supporting Team Enterprise, and (3) assess the adequacy of the system development process for applications supporting Team Enterprise.

The audit disclosed that functional requirements for applications designed to support Team Enterprise were adequately defined. However, the Team Enterprise initiative was not adequately defined. In addition, for one system under Team Enterprise, the Entry Information System, system security requirements were not always followed, and the approved systems development life cycle methodology was not always utilized. As a result, the Postal Service has no assurance that all team members understood the purpose and goals of Team Enterprise; application developers relied upon incomplete documentation and could have designed security requirements for the wrong level of sensitivity; and there is no assurance that the development of the Entry Information System will meet all requirements, ensure participation by all stakeholders, and control costs. Management's comments and our evaluation of these comments are included in this report.

This report made four recommendations addressing these issues. Management agreed with two of the recommendations and has taken corrective actions addressing those issues identified in the report. Management disagreed with the first finding and a portion of the second finding and the related recommendations; however, additional information provided by management as well as actions taken subsequent to the audit address the concerns raised in this report.

We appreciate the cooperation and courtesies provided by your staff during the audit. If you have any questions or need additional information, please contact Robert J. Batta, director, eCommerce and Marketing, at (703) 248-2100 or me at (703) 248-2300.

Ronald D. Merryman Acting, Assistant Inspector General for eBusiness

Attachment

cc: Carole D. Koehler George W. Wright James L. Golden Susan M. Duchek

TABLE OF CONTENTS

Executive Summary	i
Part I	
Introduction	1
Background Objectives, Scope, and Methodology Prior Audit Coverage	1 2 3
Part II	
Audit Results	4
Project Definition Recommendation Management's Comments Evaluation of Management's Comments	4 5 5 5
Security Requirements Recommendations Management's Comments Evaluation of Management's Comments	6 7 7 7
System Development Process Audit Comment	9 9
Appendix. Management's Comments	11

EXECUTIVE SUMMARY

Introduction	There are five major stages in the systems development life cycle. ¹ Each stage has several process points that need to be accomplished to develop a successful project. This report presents our self-initiated audit of the Team Enterprise initiative and associated software development. This is the sixth report in a series of Office of Inspector General (OIG) audits of Postal Service initiatives in the early phases of development. By early involvement in the process, the OIG can make recommendations to resolve issues in development prior to system implementation. Studies indicated that it is up to 100 times more costly to make changes after a system is placed into production. Our objectives were to: (1) assess the adequacy of Team Enterprise project definition and planning, (2) evaluate whether Postal Service management clearly defined requirements for applications supporting Team Enterprise, and (3) assess the adequacy of the systems development process for applications supporting Team Enterprise.
Results in Brief	Our review found that functional requirements for applications designed to support Team Enterprise were adequately defined. However, the Team Enterprise initiative was not adequately defined. In addition, for one system under Team Enterprise, the Entry Information System, system security requirements were not always followed, and the approved systems development life cycle methodology was not always utilized.
	These conditions occurred because Postal Service management believed they had adequately defined the initiative, however, the definition adopted by the project team and provided in program documentation was vague, subject to interpretation, and lacked specific goals for the initiative. In addition, Postal Service management did not realize they had not completed the business data section of the business impact assessment.
	As a result, the Postal Service has no assurance that all team members understood the purpose and goals of Team Enterprise. Furthermore, in the case of the Entry Information System, application developers relied upon incomplete documentation and could have designed

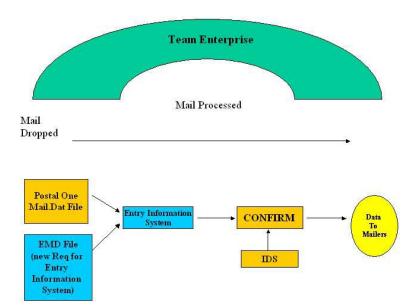
¹ A systems development life cycle is a logical process by which systems analysts, software engineers, programmers, and end users build information systems and computer applications to solve business problems and needs.

	security requirements for the wrong level of sensitivity; and there is no assurance that the development will meet all requirements, ensure participation by key stakeholders, and control costs.
Summary of Recommendations	We made four recommendations to correct identified deficiencies that include ensuring: the scope of Team Enterprise and associated goals are clearly defined and documented, all security requirements are followed, and system testing is completed. We did not make a specific recommendation to address the use of an approved systems development life cycle methodology, because Postal Service management issued policy during the audit to address this concern.
Summary of Management's Comments	Management disagreed with our first finding, a portion of the second finding, and the associated recommendations. The Postal Service believed Team Enterprise was adequately defined and that the executive sponsor had been appointed. Management agreed with the remaining findings and recommendations and has implemented corrective actions to address those recommendations. Management's comments, in their entirety, are included in the appendix of this report.
Overall Evaluation of Management's Comments	We disagree with management's comments to the first finding and part of the second finding. During audit fieldwork, management provided inconsistent definitions for Team Enterprise and could not provide details of the programs. Also, the letter referenced in managements comments neither specified that the manager was designated as the executive sponsor, nor did it specify the requirements of AS-805.
	However, information provided by management subsequent to the audit addressed the concerns over these issues. Thus, management's comments and additional actions are responsive to satisfy the intent of our recommendations.

INTRODUCTION

Background On May 18, 2001, senior Postal Service officials² initiated a work team for the purpose of developing a fast track method, named Team Enterprise, to improve mail tracking to support service measurement. A cross-functional team was established to develop the approach for implementation by October 1, 2002. Team Enterprise is not a program in itself but rather an umbrella that covers a multitude of programs (see diagram below).

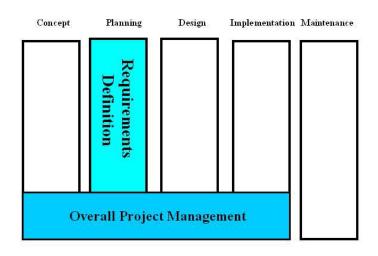
At present, the Team Enterprise work team has developed a new application, Entry Information System (formerly called Start-The-Clock). The purpose of this system is to capture the date and time the Postal Service takes possession of mailings from business customers.



Team Enterprise Structure

When our review took place, the Entry Information System was in the test phase and was placed in production on March 31, 2002. We reviewed both the requirements and testing phases of the program, as well as overall program management.

² Senior Postal Service officials include the postmaster general, chief operating officer and executive vice president, and chief financial officer and executive vice president.



Process Points Reviewed for Entry Information System In Relation to the System Development Life Cycle Phases

Objectives, Scope, and Methodology	The objectives of our review of the Team Enterprise initiative were to: (1) assess the adequacy of Team Enterprise project definition and planning, (2) evaluate whether the Postal Service clearly defined requirements for applications supporting the Team Enterprise initiative, and (3) assess the adequacy of the systems development process for applications supporting Team Enterprise.
	To accomplish our objectives, we interviewed key project personnel, including the executive sponsor, portfolio manager, program manager, contracting officer representative, and the information system security representative. In addition, we interviewed operations representatives under Postal Service Mailing Operations staff – area coordinators. We also reviewed key documentation related to requirements, planning, and program management.
	This audit was conducted from February through September 2002 in accordance with generally accepted government auditing standards and included tests of internal controls as were considered necessary under the circumstances. We did not rely on computer-generated

	data to accomplish the objectives of this audit. We discussed our conclusions and observations with appropriate management officials and included their comments, where appropriate.
Prior Audit Coverage	We did not identify any prior audits or reviews related to the objective of this audit.

AUDIT RESULTS

Project Definition	Postal Service management did not clearly define the purpose of the Team Enterprise initiative. Specifically, project documentation contained conflicting definitions and discussions with Postal Service management have yielded project definitions different from those contained in program documentation.
	Industry best practices recommend that all large corporate initiatives be clearly defined and planned. This includes definition of goals, as well as tasks to accomplish these goals.
	The letter initiating Team Enterprise stated the purpose was to establish a working team tasked to develop a fast track method to improve mail tracking to support service measurement, with a focus on Standard A letters/flats, Parcel Select, and First-Class Priority Mail. However, project documentation defined Team Enterprise as a strategic initiative with the purpose to design, plan, and support the deployment of cross-functional initiatives that bring value to the Postal Service and its business mailers. It further indicated these initiatives would include both tactical and strategic efforts focusing on end-to-end accountability, service measurement and performance management, mail coding and tracking, collaborative planning and downstream notification, and the enabling of revenue assurance and auditing.
	Further, during discussions with Postal Service management, they stated Team Enterprise was not a strategic initiative with specific goals, but rather a mechanism to work cross-functional issues. Additionally, although Postal Service management initially stated the number of programs included in the Team Enterprise initiative was 9 to 11, when asked to detail those programs, they stated the number was unknown and they would work issues as they were identified to the team.
	Postal Service management believed they had adequately defined the initiative; however, the definition adopted by the

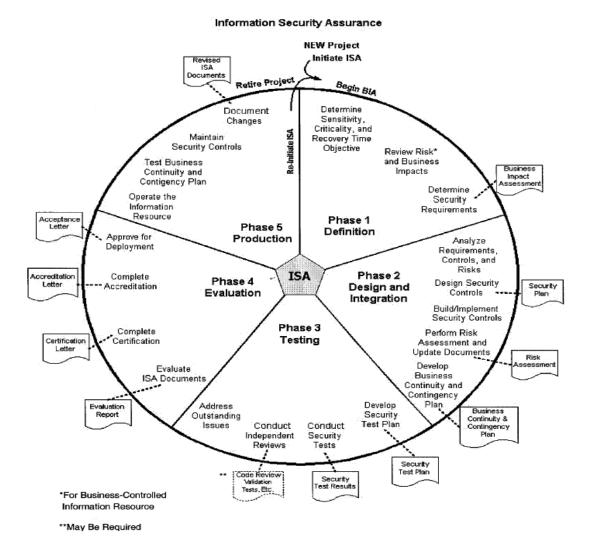
defined the initiative; however, the definition adopted by the project team and provided in program documentation was vague, subject to interpretation, and lacked specific goals for the initiative.

	Clear project definition is necessary to guide the initiative, document approval from executive sponsors, and ensure all team members understand the purpose and goals of the project. It also provides the basis for project planning, and controls the scope of work to be performed.
Recommendation	We recommend the senior vice president, chief technology officer, ensure:
	 Program management clearly define and document the purpose and goals of the Team Enterprise initiative.
Management's Comments	Management disagreed with our finding and recommendation. Management commented that they believed the goals and purposes of Team Enterprise are adequately defined and documented. Along with their comments management provided a power point presentation that detailed the ten programs currently being worked under Team Enterprise and stated that as business needs are identified and budgets are refined, the number of programs may change. They concluded this approach accounts for the difference in the number of programs under Team Enterprise at any given time.
Evaluation of Management's Comments	We do not agree that management clearly defined and documented the purpose and goals of Team Enterprise during the audit but management provided additional information that adequately addressed the issues we identified. Consequently, management's actions should correct the problem or resolve the issues identified in this report.

Security

Postal Service management did not ensure all Handbook AS-805, Information Security, requirements for the Entry Requirements Information System were fully completed.

> Handbook AS-805, Information Security, requires the completion of a business impact assessment for all new applications (see Phase 1, definition below). This assessment should be completed by the executive sponsor or a representative designated in writing, and is used to determine the sensitivity and criticality of the system. This determination drives security requirements for the system.



The approved business impact assessment did not include an assessment of the business data being used by the

	system and was not signed by the executive sponsor or their designated representative. Specifically, a review of the database specifications indicates business-mailing data such as mailers job numbers, presort level, mailers PERMIT number, and number of pieces in the current mailing will be stored by the system. However, the section of the business impact assessment used to classify business data was left blank.
	This occurred because Postal Service management did not realize they had not completed the business data section of the business impact assessment. They stated it was an oversight and they had held discussions regarding the classification of the data. However, they did not document their discussion; therefore, we could not validate that a classification of the business data had occurred.
	As a result, application developers relied upon incomplete documentation, and could have designed security requirements for the wrong level of sensitivity.
Recommendation	We recommend the senior vice president, chief technology officer, ensure:
Recommendation	
Recommendation Management's Comments	officer, ensure: 2. The executive sponsor designates in writing, a
Management's	officer, ensure: 2. The executive sponsor designates in writing, a representative as required by Handbook AS-805. Management disagreed with recommendation 2 and the related finding. Management stated that a letter sent in May 2001, from the vice president of Information Platform, designated the manager, Sales and Marketing Portfolio, the executive sponsor. Management's comments further stated that this person was the business manager and responsible

Recommendations	We recommend the senior vice president, chief technology officer, ensure:		
	 The executive sponsor, or their designated representative, completes the business impact assessment to determine the sensitivity level of the business data. 		
	 Program management determines the appropriate security requirements for the Entry Information System based upon the classification of business data and determine if these requirements have been met. 		
Management's Comments	Management agreed with recommendations 3 and 4, and reported they took corrective action in July and April 2002, respectively.		
Evaluation of Management's Comments	In OIG's opinion, management's actions taken for recommendations 3, and 4 should correct the problem or resolve the issues identified in this report.		

System Development Process	Postal Service management did not always follow an approved system development life cycle methodology for the Entry Information System.
	Industry best practices recommend sound systems development life cycle methodologies should be followed for all application development efforts. Additionally, Handbook AS-805, <u>Information Security</u> , requires an approved system development life cycle methodology be followed for all system development efforts.
	For the Entry Information System, key personnel were not always assigned to the project in writing, key deliverables were not always produced, approvals of key deliverables were not always documented, and version control of key deliverables did not preserve the dates documents were prepared and/or approved. For example, the information system security representative was not appointed in writing and the business needs statement, program definition document, program charter, program plan, and risk management plan were not produced. Additionally, there was no documented evidence of formal approvals of the business case document, and users requirements document. Further, the business case analysis did not have a fixed date for the document; instead, the date of the document changed each time it was printed.
	The system development process was not always followed because program management was attempting to pilot the draft integrated solutions methodology after the systems development effort had begun. Additionally, program management believed they could rely upon the contractor's proprietary methodology. However, a review of contractual documents disclosed the contractor was not required to produce all deliverables required in the integrated solutions methodology.
	Sound systems development processes are essential to ensure systems in development will meet all requirements, ensure participation by all stakeholders, and control costs.
Audit Comment	Subsequent to the initiation of the Team Enterprise audit, the integrated solutions methodology was completed and the chief financial officer and chief technology officer, signed

a policy requiring the use of the integrated solutions methodology. To allow development teams time to implement this new policy, we are not making any recommendations at this time.

APPENDIX. MANAGEMENT'S COMMENTS

CHARLES E. BRAVO CHIEF TECHNOLOGY OFFICER SENIOR VICE PRESIDENT



September 13, 2002

RONALD D. MERRYMAN

SUBJECT: Management Response to Draft Audit Report – Team Enterprise Initiative (Report Number EM-AR-02-DRAFT)

This provides the management response to the subject audit report. While we agree with a number of the audit recommendations and have taken corrective actions to address them, we believe the report may distort the intent of the Team Enterprise initiative and the effectiveness of the system development process as a whole.

From the onset of this audit, management explained that the Team Enterprise initiative was not a "program" in the traditional sense. It was initiated as a cross-functional team for the purpose of developing a fast track method to improve mail tracking to support service measurement. The plan was to have multiple, discrete programs under Team Enterprise each with defined goals, scopes, and budgets.

The first program under Team Enterprise, the Entry Information System (formerly Start-The-Clock), was deployed in under a year and was an early adopter of the Integrated Solutions Methodology (ISM). The Entry Information System enabled service measurement for Confirm customers by capturing the date and time the Postal Service takes possession of mailings. Not only was this a significant benefit to our customers, but it was an important step in enabling an end-to-end mail tracking solution.

The subject audit report and this response do not contain information exempt from disclosure under the Freedom of Information Act.

If you have questions regarding our response or would like to discuss them further, please contact the CTO audit coordinator, Kathleen Sober at (202) 268-6156.

(run (p.) Charles E. Bravo

Attachment

cc: Carole Koehler Jim Golden Susan Duchek Kim Stroud

475 L'ENFANT PLAZA SW WASHINGTON DC 20260-4400 202-268-6200 Fax: 202-268-4492 WWW.USPS.COM **Team Enterprise Initiative Management Response**

We recommend the senior vice president, chief technology officer ensure:

<u>Recommendation 1:</u> Program management clearly define and document the purpose and goals of the Team Enterprise initiative.

Response: Management believes the goals and purpose of Team Enterprise are adequately defined and documented to guide this initiative, and therefore disagrees with this recommendation. As discussed during the audit and in the work papers provided, the purpose of the Team Enterprise initiative was to develop a fast track method to improve mail tracking to support service measurement. The plan was to have multiple, discrete programs under Team Enterprise each with defined goals, scopes, and budgets that focus on one or more of the following goals: 1) end to end accountability, 2) service measurement and performance, 3) mail coding and tracking, 4) collaborative planning and downstream notification, and 5) enabling revenue assurance and auditing.

In May 2002, there were 10 programs under Team Enterprise (see attachment). As business needs are identified and budgets are refined, the number of programs may change. This approach accounts for the difference in the number of programs under Team Enterprise at any given time.

Completed: May 14, 2002

Responsible Executive: C. Koehler

<u>Recommendation 2:</u> The executive sponsor designates in writing, a representative as required by Handbook AS-805.

Response: Management disagrees with this recommendation. On May 18, 2001, a letter from the Vice President of Information Platform designated Carole Koehler, Mgr. Sales and Marketing Portfolio, the executive sponsor (See attached letter). This person was the business manager and responsible for items referenced in 3-2.1 of AS-805.

Completed: May 18, 2001

Responsible Executive: C. Koehler

<u>Recommendation 3:</u> The executive sponsor, or their designated representative, completes the business impact assessment to determine the sensitivity level of the business data.

Response: We agree. The Business Impact Assessment originally signed on December 18, 2001 was updated on July 31, 2002 to correct an inadvertent omission of checking boxes associated with business data. This change did not impact the sensitivity. When the OIG brought this omission to our attention, we revisited the BIA to make the necessary changes and to revalidate the sensitivity designation. We revalidated the data with the ISSR and the sensitivity designation did not change. The audit report fails to reference the discussion and meeting in which management explained to the OIG that the proper assessment was performed although an omission in the business data section was present. The report also incorrectly states that "[management] did not document their discussion." Meeting minutes documenting the BIA discussion were available; however they were not requested during the audit.

Completed: July 31, 2002

Responsible Executive: C. Koehler

Team Enterprise Initiative Management Response

<u>Recommendation 4:</u> Program management determines the appropriate security requirements for the Entry Information System based upon the classification of business data and determine if these requirements have been met.

Response: We agree. The Business Impact Assessment (BIA) completed on December 18, 2002 and updated on July 31, 2002, designated the Entry Information System as a non-sensitive/non-critical system and identified the appropriate security requirements. In non-sensitive/non-critical systems, the executive sponsor is responsible for ensuring that the baseline requirements identified in the BIA document are implemented. Security requirements identified in the BIA were implemented and validated during the Customer Acceptance Testing performed in April 2002 as well as during unit level and system level testing performed in March 2002.

Completed: April 2002

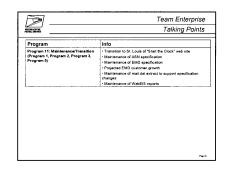
Responsible Executive: C. Koehler



2	Team Enterpris
	Talking Points
Program	Info
Program 1: "Start the Clock" ASN	ASN development "Start the Clock" for Confirm customers Enabled service measurement for Confirm mailings
Program 2: Performance Reports	Published data to WebEIS for performance reports
Program 3: Entry Scan EMD	EMD development "Start the Clock" web site Nominal development learn for 4 months 80+ web pages with supporting architecture FTP architecture
Program 4: Strategy Planning and Architecture Blueprint	Vision development completed thru 2002 Program management role Coordination and magazion among Confirm/TE/CDAS/Posta/One/Deicon/dyance/Pallet Tracking - Sponsorship/relationship development - Projected \$80,000/month for 2003 – 2004

	Team Enterprise
	Talking Points
Program	Info
Program 5: EMD Version 2.0 Analysis and Design	Requirements development and data mapping of mail.dat I PostalOnel. EMD and ASN
	EMD version 2.0 specification to allow ASN submission the EMD site
	Team Enterprise/Confirm interface
Program 6: Mail.dat Extract	PostalOnel extraction of data
	CDAS transformation of data to ASN or EMD
	Requirement development for TE/COAS/PostalOne!
	Data mapping
	 Nominal development team for 4 months
	Significant coordination of requirements and development between CDAS/PostalOnel and Team Enterprise
Program 7: Integrated Reporting (Datement)	Shared report infrastructure for Confirm, Delivery Confirmation, and Team Enterprise
	 Single mailer interface for tracking data
	 Using enterprise architecture teradata solution
	 2 terabytes of additional data
	 Establish processing platform to support reporting requirements
	Nominal development team for 4 months

	Talking Points
Program	Info
Program 8: Bundle Service Measurement	"Start the Clock" capability for bundles "Performance measurement for carrier route bundles thru delivery "Estimate 500 million records per year "Estimate 500 million records and training "Herdware and platform to support large processing requirements
Program 9: Customer Gateway	Ascertain scope and level of effort for integration into gateway Migration of tracking web site to Business Mailer Gateway (PostalOnel)
Program 10: Electronic Revenue Assurance	Enable revenue assurance of bypass drop ship mail Interim solution available to enable web site and simple verification Finable verification of payment based on quantity and work share discounts Interface with re-designed Permit application Interface with re-designed Permit application



- DRAFT -

Page 1

1

.

.

-DELATILES EL BRINKS ACT PRESIDENT NEORMATION PLATFORM



May 18, 2001

NICHOLAS BARRANCA JOHN RAFP JOHN KELLY PAUL VOGEL ROBERT OTTO JOHN WARD DONNA PEAK MICHELE DENNY

SUBJECT: Mail Acceptance and Service Measurement

At a March 19 meeting with Messrs. Strasser, Potter and Donahoe, we agreed to establish a work team for the purpose of developing a fast track method to improve mail tracking to support service measurement. Since that time we have established a cross-functional work group that will develop the approach for implementation by October 1. This work group has been named "Team Enterprise" and the focus will be Service Measurement reporting on Standard A letters/flats, Parcel Select and First Class/Priority. Special emphasis is being placed on Standard A letters.

Attached is a work plan that outlines the tasks and responsibilities for this effort. If you have any questions regarding the workgroup or attachments, please contact Carole Koehler at ext. 2765. Comments and suggestions are welcomed

11100 Ruch

1

Charles E. Bravo

Attachment

CC:

Mr. Nolan Mr. Donahoe Mr. Strasser Mr. Potter Mr. Jacobson

475 L'ENFANT PLAZA SW WASHINGTON DC 20260-0004 202-268-5470 FAX: 202-268-4492 • .

s 2

Team Enterprise

ł,

Tasks and Responsibilities

Define Nam for Plane (Code Tracking of USPR et (Code Participation for Plane (Code Participation) - Sea Oth - Part (Editor) - Participation - Participation - Name (Code Participation) - Name (Name (Code Particip	Tasks and Responsibilities								
Confine Confine Bundles SAMS Char National States of Mainer acc. - John Ward - Paul Bakin - John States - John Stat	Task	Owner (Area)			System Own	ner(s)	· · · · ·	Due Date	Comments
Bertify Scheet of Mainer and Define Pain to Capturing Data - Acht Ward - Acht Nard - Pail Bahthi - Acht Rise - Acht Rise - Acht Sabot - Acht Sabot Define Pain to Capturing Data - Bob Ots - Pail Bahthi - Acht Sabot - Acht Sabot - Centing of a form			i Confirm	1 /		SAI/S	Other		
Defers Parls for Capluring Data -Loth Kery Pet Laffer Jehn Oben -Join Black -Confirming of Light Market and Market Specification -Bail Bailet Defers Parls for Capluring Solution -Paul Bailet -Paul Bailet <td>Mailers/Manifest</td> <td></td> <td>· · · · · · · · · · · · · · · · · · ·</td> <td></td> <td></td> <td></td> <td>÷</td> <td></td> <td>······································</td>	Mailers/Manifest		· · · · · · · · · · · · · · · · · · ·				÷		······································
Tracking of USPS Buk Natrys John Ward Paul Bakeh John Res Develop/Inside Phase 1 John Ward Paul Bakeh John Black Start the Clock ¹ John Ward Paul Bakeh John Black Start the Clock ¹ John Ward Paul Bakeh John Black Start the Clock ¹ John Ward Paul Bakeh John Black Start the Clock ¹ John Ward Paul Bakeh John Black Start the Clock ¹ John Ward Paul Bakeh John Black Start the Clock ¹ John Ward Paul Bakeh John Black Start the Clock ¹ John Ward Paul Bakeh John Black Start the Clock ¹ John Ward Paul Bakeh John Black Start the Clock ¹ John Ward Paul Bakeh John Black Start the Clock ¹ John Black John Black John Black Finalize Phase 1 Data Flow Actin Ward Paul Bakeh John Black Finalize Phase 1 Data Flow Paul Voget Jun Cashringham June 1, 2001 Finalize Phase 1 Data Flow Paul Voget Jun Cashringham Paul Salet John Kely Jeh Ros June Cashringham Paul Bakeh Jeh Ros Jeh Ros Jeh Ros Finalize Phase 1							۰ ; }	- June 1 2001	etc.) - Certain profile (how they induct, thail volume, correct mail types, e - Maxmuth of 10 (do not need to be top 10 meriers) bet mail type - Indude USPS mailings
Pectronic Manifest Specification - John Kely - Pail Baixhi - John Kely - Jean Chen - John Kely - Jain Keiy - Jain Keiy - John Kely - Jain Keiy					1	, , 	Mabel Grein	May 25, 2001	- Must be able to provide electronic manifest file
Define Method and Plan - John Ward - Paul Bakshi - Jairy Goodman Jim Cunningham June 5, 201 - Must be acke to unquely track seck to mailer Manifest Standard A Letters/Flass Finalze Phase 1 Data Flow - Adn Ward - Paul Bakshi - Larry Goodman - John Kely - Paul Bakshi - John Kely - Jrife Rics - Bake Rica - Jrife Rics - Paul Bak								May 25, 2001	$\overset{!}{\sim}$ Must be able to uniquely identify mail dropped at each facility
Define Method and Plan - John Ward - Paul Balkahi - Jairy Goodman Jim: Cunringham June 6, 2011 - Must be axie to unquely track back to mailer Manifest - Disk Billock - Paul Fagan Standard A Letter/Flats - Paul Balkahi - Jairy Goodman - Paul Fagan Fireitze Phase 1 Data Flow - John Ward - Paul Balkahi - Larry Goodman - Develop Method and Plan - John Ward - Paul Balkahi - Larry Goodman - Paul Earling - John Balock - John Balock - Jairy Balkahi - Paul Earling - John Balock - Jairy Balkahi - Jairy Goodman - Develop Method and Plan - John Ward - Paul Balkahi - Larry Goodman - Paul Earling - John Balock - John Balock - Jim Cunningham - Paul Earling - John Balock - John Balock - Jim Cunningham - Paul Flogs - Paul Magai - John Balock - Jim Cunningham - Paul Flogs - Paul Magai - John Balock - Jim Cunningham - Paul Flogs - Paul Magai - John Rely - Jing Regan - Paul Earling - John Kely - Jing Regan - Jing Cunningham - Paul Earling - Jing Regan - Jing Regan - Jing Regan - Paul Earling - Jing Rega	"Start the Clock"		1				i -	:	
Finalize Phase 1 Data Flow John Ward - Paul Batshil - Larry Goodman May 25, 7301 Develop Method and Plan - John Ward - Paul Batshil - Larry Goodman June 1, 2001 - Imclementing Solution Finalize Phase 1 Data Flow - Paul Voget - John Blabok - John Blabok - John Blabok - ROM Finalize Phase 1 Data Flow - Paul Voget - John Blabok - Jim Cunningham May 25, 2001 Develop Method and Plan - Paul Voget - John Blabok - Jim Cunningham June 1, 2001 - Implementing Solution Parcel Select - Paul Flow - John Kely Stop the Clock* - John Kely - John Blabok - Jim Cunningham June 1, 2001 - Implementing Solution Stop the Clock* - John Kely - John Kely - John Blabok - John Blabok - John Blabok - John Blabok		- John Kel'y			•	•		June 8, 2001	- DSAS, DSMS
Perclop Method and Plan - John Ward - Pail Laffey - John Blalock Develop Method and Plan - John Ward - Pail Laffey - John Blalock Finalize Phase 1 Deta Flow - Pail Vogel - John Blalock - John Guinrigham Develop Method and Plan - Pail Vogel - John Blalock - John Guinrigham Develop Method and Plan - Paul Vogel - John Relation - John Guinrigham Develop Method and Plan - Paul Vogel - John Relation - John Guinrigham Parcel Select - John Kelly - John Relation - John Relation Finalize Phase 1 Data Flow - John Kelly - John Relation - RoM Develop Method and Plan - John Kelly - John Relation - John Relation Finalize Phase 1 Data Flow - John Kelly - John Relation - John Relation Develop Method and Plan - John Kelly - John Relation - John Relation Stop the Clock* - John Kelly - John Relation - John Relation Define Method and Plan - John Kelly - Jean Chen - Rolin - John Kelly - John Relation - John Relation - John Relation - John Kelly - John Kelly - Jean Chen - Paul Vogel - John Kelly - John Relation	Standard A Letters/Flats		· ·	i . I		:	ł	:	
First Class/Priority - Pat Laffey - John Blalock - ROM First Class/Priority - Paul Vogel - Jim Cunningham May 25, 2001 Develop Method and Plan - Paul Vogel - Jim Cunningham June 1, 2001 Parcel Select - John Kelly - John Kelly - John Kelly Parcel Select - John Kelly - John Kelly - John Kelly Stop the Clock* - John Kelly - Jain Scient - Jain Cunningham Stop the Clock* - John Kelly - Jain Region - Jain Scienting Parcel Select - John Kelly - John Kelly - John Kelly Finalize Phase 1 Data Flow - John Kelly - John Kelly - John Kelly Stop the Clock* - John Kelly - Jain Scient - Jain Scienting Develop Method and Plan - John Kelly - Paul Betacli - Jain Scienting - John Kelly - Paul Betacli - Jain Scienting - Jain Scienting - John Kelly - Paul Betacli - Jain Scienting - Jain Scienting - John Kelly - Paul Betacli - Jein Scienting - Jain Scienting - John Rapp - John Rapp - John Blabox - Paul Fagan	Finalize Phase 1 Data Flow	John Ward						May 25, 7001	
Finalize Phase 1 Deta Flow - Paul Vogel - Jim Cunningham May 25, 2001 Develop Method and Plan - Paul Vogel - Jim Cunningham Jum 21, 2001 - Implementing Sciulion Parcel Select - Paul Fegan - ROM - ROM - ROM - ROM Develop Method and Plan - John Kelly - Jifle R os - May 25, 2001 - Implementing Sciulion Develop Method and Plan - John Kelly - Jifle R os - May 25, 2001 - ROM Develop Method and Plan - John Kelly - Jifle R os - May 25, 2001 - Implementing Sciulion Stop the Clock* - John Kelly - Jifle R is an Ohen - June 1, 2001 - Implementing Sciulion Stop the Clock* - John Kelly - Julie Rices - Julie Rices - Julie Rices Define Method and Plan - John Kelly - Julie Rices - Julie Rices - Julie Rices Stop the Clock* - John Kelly - Julie Rices - Julie Rices - Julie Rices - Julie Rices - John Repp - John Blabox - Paul Fegan - Paul Sulliven June 15, 2001 - Identify Risks and Assumptions	Develop Method and Plan	John Ward		·· · ·				June 1, 2001	- ROM
Finalize Phase 1 Deta Flow Paul Vogel Jim Cunningham May 25, 2001 Develop Method and Plan -Paul Vogel -Jim Cunningham June 1, 2001 -Implementing Solution Parcel Select -Jim Rely -Jime R os -ROM -ROM Finalize Phase 1 Data Flow John Kelly -Jime R os May 25, 2001 Develop Method and Plan -John Kelly -Jime R os May 25, 2001 Develop Method and Plan -John Kelly -Jime R os May 25, 2001 Stop the Clock* -John Kelly -Jime R os -Jime Conningham Stop the Clock* -John Kelly -Jime R os -Jime Conningham - Stop the Clock* - John Kelly -Jime R os - Jime Conningham - Stop the Clock* - John Kelly - Julian R rise - Julian R rise - John Repp - John Blabox - Paul Fagan - Jume 15, 2001 - Identify Risks and Assumptions	First Class/Priority		• • -••	!			ì	1	includ. Upper and weapon heads
Parcel Select Finalize Phase 1 Data Flow John Kelly - Jele Rios Develop Method and Plan - John Kelly - Jele Rios - Jean Chen - Jean		- Paul Voget		i	l		ļ	May 25, 2001	
Parcel Select Finalize Phase 1 Data Flow John Kelly - Jele Rios Develop Method and Plan - John Kelly - Jean Chen - Jean	Develop Method and Plan	- Paul Vogel				-	;	June 1 2001	- ROM
Finalize Phase 1 Data Flow John Kelly - Jife R os Nay 25, 2001 Develop Method and Plan - John Kelly - Jifie Rica June 1, 2001 - Implementing Solution Stop the Clock* - John Ward - Julia Rics - Julia Rics - Julia Rics Define Method and Plan - John Kelly - Julia Rics - Julia Rics - Julia Rics Stop the Clock* - John Kelly - Julia Rics - Julia Rics - Julia Rics Define Method and Plan - John Kelly - Julia Rics - Julia Rics - Julia Rics - John Rep - Paul Batahl - Julia Rics - Julia Rics - Julia Rics	Parcel Select	:		. I			•		,
- Jean Chen - Stop the Clock* Define Method and Plan - John Ward - Paul Bakshil - Juline Ros - Juline R		John Kelly					1	May 25, 2001	
Stop the Clock" Define Method and Plan John Ward - Paul Bekshil - Julin Rios - Lany Goodman - Jim Cunningham - Paul Sullivan June 15, 2001 - Identify Risks and Assumptions - John Kely - Paul Kely - Paul Kely - Paul Fagan - Paul Fagan - John Repp	Develop Method and Plan	- John Kelly	i					June 1, 2001	ROM
Define Method and Plan - John Ward - Paul Bekshi - Juli - Rios - Lany Goodman - Jim Cunningham - Paul Sulivan June 15, 2001 - Identify Risks and Assumptions - John Kely - Paul Laffey - J + Chan - John Blabock - Paul Fagan - Paul Vogel - John Rapp	"Stop the Clock"	1. · · • • • • • • •		····			. 		
an a		- John Kelly I- Paul Vogel				-	Peul Sullivan	June 15, 2001	- Iden: ify Risks and Assumptions
Generate Indication	Generate Indicators	······································				· · ·	1		:

.

• •

.

Team Enterprise Tasks and Responsibilities

.

Task	Owner (Area)	:	System Owner(s)				Due Date	Comments
		Confirm	Delivery Confirmation	i Pallet and Bundles	sams	Other		1
Define Method and Plan	 John Ward John Kelly Paul Vogel Charlie Bravo 	- Paul Bakshi - Pat La:Tey	- Juli Rios - Jean Chan		- Jim Cunningham - Paut Fagan	- Wally Estes	i June 8 (2001	- Unitzing WebEIS - Identify Risks and Assumptions - Assumptions must be validated by management
Verify and Approve Indicators	- Nick Barranco - Donna Peak	· . ·			; ; ;	Jack Mallinger Jean Pariis Vern Berenton	. jure 15, 2001	:
Infrastructure Processing Equipment	· ·	• • •		-	1	1		
Cefine Plan	, ,	- Paul Bakshi - Pat Laffey	1	 Larry Goodman John Bia'ock 		- Oscar Avant		Automation Eduptment and Hand-Held Devices Equipment Deployment/Replacement and Software Releases Implementation and Maintenance Identify Risks and Assumptions
Processing Network Provide Plan	- Bob Otto	:					1 May 27, 2024	100 and AQI - Identify Risks and Assumptions
Communication Define Method and Plan	- Charlie Bravo	: ; ; .	·		- -	- Harry Aldstact	May 25, 2001	- Communications to Field