



## **Inter-Customer Service Center**

### **Interface File and Reporting**

### **Specifications**

Prepared by:  
The E-ZPass IAG Reciprocity Committee  
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## 1.0 Introduction

The *Inter-Customer Service Center Interface File and Reporting Specifications* document defines the formats for all files and reports which shall be transmitted between Customer Service Centers (CSCs) belonging to agencies who are signatories to the E-ZPass IAG MOU.

The inter-CSC interface files allow the CSCs to perform the following functions:

- ◆ Allow customers to use any participating agency's facilities while maintaining a single account and have all toll activity be shown on that account's statement.
- ◆ Allow Away Agencies to determine the name/address of customers whose toll cannot be collected from the Home Agency when the transaction is returned from the Home Agency as rejected.

The interface files defined are:

File Name	File Extension	File Usage
Tag Status File	ITAG	Created by the Home Agency/CSC to inform Away Agencies/CSCs as to the status of each tag associated with an account held by the Home Agency/CSC. This file also informs the Away Agencies/CSCs as to the discount plans associated with each tag.
Tag Status Update File	ITGU	Created by the Home Agency/CSC to inform Away Agencies/CSCs as to the updated status of particular new and/or existing tags associated with an account held by the Home Agency/CSC. Used to periodically report updated information throughout the day so that Agencies/CSCs which have the ability to update their lane systems during the day can do so.
Invalid Tag Customer File	IITC	The Invalid Tag Customer File shall be created by the Home Agency/CSC to inform the Away Agencies/CSCs of the name/address information of the customers associated with tags whose status is "Invalid" so that the Away Agency/CSC can process violations against those customers (when used in conjunction with the Tag Status File as described above or with rejected transactions from the Transaction Reconciliation File below) without the need to perform a DMV lookup.
Transaction File	ICTX	Created by the Away Agency/CSC to inform the Home Agency/CSC of all toll transactions occurring at Away Agency/CSC facilities for valid tags and license plates belonging to the Home Agency/CSC.
Transaction Reconciliation File	ICRX	Created by the Home Agency/CSC to inform the Away Agency/CSC as to the disposition of toll transactions processed by the Home Agency/CSC which occurred at the Away Agency's/CSC's facilities. Performing detailed transaction level reconciliation allows the Away Agency/CSC to ensure that all transactions were properly received and processed and to track toll and non-toll usage accordingly.
Correction File	ITXC	Created by the Away Agency/CSC to replace toll transaction information already sent to the Home Agency/CSC with updated/corrected information.
Correction Reconciliation File	IRXC	Created by the Home Agency/CSC to inform the Away Agency/CSC as to the disposition of toll correction transactions processed by the Home Agency/CSC which occurred at the Away Agency's/CSC's facilities. Performing detailed transaction level reconciliation allows the Away Agency/CSC to ensure that all transactions were properly received and processed and to track toll and non-toll usage accordingly.
Customer License Plate File	ICLP	Created by the Home Agency/CSC to inform the Away Agencies/CSCs of the vehicle license plate numbers of its customers. This file will allow the Away Agency/CSC to collect the toll from the Home Agency/CSC for an untagged or unread tag customer violation.

File Name	File Extension	File Usage
Non-Toll Transaction File	INTX	Created by the Host Agency/CSC to inform the Home Agency/CSC of all non-toll transactions occurring at Host Agency/CSC facilities for valid tags belonging to the Home Agency/CSC.
Non-Toll Reconciliation File	INRX	Created by the Home Agency/CSC to inform the Host Agency/CSC as to the disposition of non-toll transactions processed by the Home Agency/CSC which occurred at the Host Agency's/CSC's facilities. Performing detailed transaction level reconciliation allows the Host Agency/CSC to ensure that all transactions were properly received and processed and to track toll and non-toll usage accordingly.
Non-Toll Correction File	ITXN	Created by the Host Agency/CSC to replace non-toll transaction information already sent to the Home Agency/CSC with updated/corrected information.
Non-Toll Correction Reconciliation File	IRXN	Created by the Home Agency/CSC to inform the Host Agency/CSC as to the disposition of non-toll correction transactions processed by the Home Agency/CSC which occurred at the Host Agency's/CSC's facilities. Performing detailed transaction level reconciliation allows the Host Agency/CSC to ensure that all transactions were properly received and processed and to track toll and non-toll usage accordingly.
Acknowledgement File	ACK	The Acknowledgment File shall be created by the From Agency/CSC (the Agency/CSC which received the file) to inform the To Agency/CSC (the Agency/CSC which sent the original file) that the file transmitted was received in its entirety. An Acknowledgement File shall be sent for each of the above referenced files.

The inter-CSC settlement reports define a standard set of documents for the purpose of supporting the transfer of funds between agencies served by different CSCs. This document also defines a suggested set of reports which can be used by agencies to reconcile pre-paid tolls, expected toll revenue and expected non-toll revenue.

The reports defined are:

**Required Reports– Shared among Agencies**

**Toll**

- IAG-1 - Inter-CSC Settlement Report (Home agency generated)
- IAG-2 - Inter-CSC Transaction Reconciliation Report (Home agency generated)
- IAG-3 - Inter-CSC Toll Correction Reconciliation Report (Home agency generated)
- IAG-4 - Inter-CSC Discount Plan Revenue Report\* (Home agency generated)
- IAG-5 - Inter-CSC Permit Plan Fees Report\* (Home agency generated)
- IAG-6 - Inter-CSC Disputed Toll & Adjustments Report (Home agency generated)
- IAG-7 - Inter-CSC Rejected Transactions Report (Home agency generated)
- IAG-8 - Inter-CSC Rejected Corrections Report (Home agency generated)
- IAG-9 - Inter-CSC Reconciliation Aging Report (Away agency generated)
- IAG-10 - Inter-CSC Discount Plan Analysis Report\* (Home agency generated)

**Non-Toll**

- IAG-1N - Inter-CSC Non-Toll Settlement Report (Home agency generated)
- IAG-2N - Inter-CSC Non-Toll Transaction Reconciliation Report (Home agency generated)
- IAG-3N - Inter-CSC Non-Toll Correction Reconciliation Report (Home agency generated)
- IAG-6N - Inter-CSC Disputed Non-toll & Adjustments Report (Home agency generated)
- IAG-7N - Inter-CSC Rejected Non-Toll Transactions Report (Home agency generated)
- IAG-8N - Inter-CSC Rejected Non-Toll Corrections Report (Home agency generated)
- IAG-14N - Inter-CSC Non-toll Credit Card Charge Back Report (Home agency generated)
- IAG-15N - Inter-CSC Declined Non-Toll Transactions Report (Home agency generated)
- IAG-16N - Inter-CSC Non-toll Aggregate Funds Report (Host agency generated)

\* These reports are required only if the Home agency offers the Away agency discount plans.

**Suggested Reports – Used by Agency generating report**

**Toll**

IAG-11A - Causal Use by Reconciliation File Range Report	(Home agency generated)
IAG-11B - Casual Use by Posting Date Range Report	(Home agency generated)
IAG-12 - NPST Report	(Home agency generated)
IAG-13A - Local Use By Rec File Report	(Away agency generated)
IAG-13B - Detailed Local Use by Rec File Report	(Away agency generated)
IAG-13C - Local Use by Collection Date Report	(Away agency generated)
IAG-13D - Detailed Local Use by Collection Date Report	(Away agency generated)

## 2.0 General File and Report Requirements

1. In the event that a Customer Service Center services multiple agencies or administers a tag inventory containing multiple Agency IDs, a single FROM\_AGENCY\_ID shall be assigned to that CSC. See Appendix E for details.
2. All files (except for the Acknowledgement File) shall be compressed (ZIPed) using a standard Lempel-Zif compression algorithm which should yield a compression rate of at least 75% (meaning a file will be reduced so that it is only 25% of its original size).
3. When compressed, file names shall be converted from {FILE\_NAME}.{FILE\_TYPE} to {FILE\_NAME}\_{FILE\_TYPE}.ZIP and all files names shall be created using uppercase characters only. Therefore, when file "008\_19971201001015.ITAG" is compressed, the compressed file shall be named "008\_19971201001015\_ITAG.ZIP".
4. The IAG Reciprocity Agreement requires generation of settlement reports (IAG-1 through IAG-8, IAG-1N through IAG-8N, IAG-14N and IAG-15N) after the settlement period. A Settlement Calendar, agreed to by the operating agencies of this file specification, will establish the settlement reports and settlement funds transfer due dates. The settlement period is to be at least monthly but may be more frequent if agreed by the two agencies.
5. This document adopts the terms Home and Away as defined by the IAG Reciprocity Agreement and the term Host as defined by the IAG Reciprocity II Agreement. The Home agency is the agency that establishes and/or maintains the customer's account and issues the tag(s) and the Away agency is any agency that is not the customer's Home agency. The toll report samples are based on a hypothetical set of toll transactions for trips taken by customers of the Regional Consortium (Home Agency) on the New York State Thruway (Away Agency). The Host agency is the agency with a Facility Operator agreement per Reciprocity II. The non-toll report samples are based on a hypothetical set of non-toll transactions incurred by customers of the Regional Consortium (Home Agency) at the Albany Airport (New York State Thruway - Host Agency). As indicated above, the Home Agency generates all but one of the required settlement reports and some of the suggested reports.
6. The reports as presented do not differentiate between a CSC and an agency. Many CSC's support several agencies and the financial settlement requirements depend on the particular CSC and their arrangement with the agencies serviced. When settlement is conducted by the individual agencies served by a CSC, the IAG reports will be generated with data specific for each agency. In this case, additional reports must be developed which will allow the agencies to tie IAG-2, IAG-3, IAG-11A and IAG-13A to the corresponding IAG files.
7. The date/time values contained in a file name are meant to represent the creation date/time of the file and shall always match the date/time value contained in the file's header record.

**NOTE:** Throughout this document, all references made to an "agency\_id" field should be understood to mean the three digit agency code as recorded in the tags. See Appendix A for the valid values.

### 3.0 Tag Status File

#### 3.1 File Type:

Variable length, LF delimited

#### 3.2 File Name:

{FROM\_AGENCY\_ID}\_YYYYMMDDHHMMSS.ITAG

Example: 008\_19971201001015.ITAG  
E-ZPass NY tag status file created on 00:10:15 on 12/01/1997

#### 3.3 File Use:

The Tag Status File shall be created by the Home Agency/CSC to inform Away Agencies/CSCs as to the status of each tag associated with an account held by the Home Agency/CSC. This file also informs the Away Agencies/CSCs as to the discount plans associated with each tag.

#### 3.4 File Layout:

Tag Status File – Header Structure		
Field Name	Type/Size	Description/Valid Values
FILE_TYPE	CHAR(4)	ITAG
FROM_AGENCY_ID	CHAR(3)	Standard agency ID code of the Home Agency/CSC (See Appendix A)
FILE_DATE	CHAR(8)	Date file created. Format: YYYYMMDD
FILE_TIME	CHAR(6)	Time file created: Format: HHMMSS
RECORD_COUNT	CHAR(8)	Count of all tags in file. Does not include header record. Values: 00000000 – 99999999
COUNT_STAT1	CHAR(8)	Count of all tags with status code 1. Values: 00000000 – 99999999
COUNT_STAT2	CHAR(8)	Count of all tags with status code 2. Values: 00000000 – 99999999
COUNT_STAT3	CHAR(8)	Count of all tags with status code 3. Values: 00000000 – 99999999
COUNT_STAT4	CHAR(8)	Count of all tags with status code 4. Values: 00000000 – 99999999
DELIMITER	CHAR(1)	LF
<b>Header Total</b>	<b>62</b>	

Tag Status File - Detail Structure		
Field Name	Type/Size	Description/Valid Values
TAG_AGENCY_ID	CHAR(3)	Tag agency ID. Values: 000 – 127
TAG_SERIAL_NUMBER	CHAR(8)	Tag serial number. Values: 00000001 – 16777215
TAG_STATUS	CHAR(1)	1 – Valid 2 – Low Balance 3 – Invalid (tag is not valid for use and will not be honored by the Home Agency/CSC but the customer information is available in the Invalid Tag Customer File).  Deprecated: The value of “4” is being phased out of the ITAG file. New CSC systems should refrain from sending tag data with this value and existing CSC systems should phase this value out as soon as is practical. <b>This value is still applicable to ITGU files.</b> 4 – Lost/Stolen (also includes all tags which are not valid for use and will not be honored by the Home Agency/CSC and for which customer information is not available).

Tag Status File - Detail Structure		
Field Name	Type/Size	Description/Valid Values
TAG_ACCT_INFO	CHAR(6)	<p>A string of 24 bits (3 characters) converted to Hex-ASCII format (6 characters). The 24 bits represent the following:</p> <p>Bit 1 (rightmost bit): E-ZPass Plus - Parking status            1 – Tag is valid for E-ZPass Plus parking applications            0 – Tag is NOT valid for E-ZPass Plus parking applications</p> <p>Bit 2 – 23: Discount bits            1 – Tag has associated discount plan            0 – Tag does not have associated plan</p> <p>Plan bits are defined as follows:            Bit 2: PANYNJ Staten Island Bridges            Bit 3: PANYNJ Green Discount            Bit 4: PANYNJ Carpool            Bit 5: PANYNJ Non-revenue            Bit 6: NYSBA Discount            Bit 7: NYSTA Annual Permit            Bit 8: NYSTA Tappan Zee Commuter            Bit 9: NYSTA Tappan Zee Carpool            Bit 10: MTA Rockaway Resident            Bit 11: MTA Staten Island Resident            Bit 12: DRPA Discount            Bit 13: SJTA Discount            Bit 14: NJHA Bus Discount            Bits 15 – 23: Reserved (must be set to zero)</p> <p>Bit 24 (leftmost bit): E-ZPass Plus - Non-Parking status            1 – Tag is valid for E-ZPass Plus non-parking applications            0 – Tag is NOT valid for E-ZPass Plus non-parking applications</p> <p>Note that at this time, Bit 24 should be set to 0.</p>
DELIMITER	CHAR(1)	LF
<b>Record Total</b>	<b>19</b>	

### 3.5 Processing Requirements:

1. The transmission of the file to the Away Agencies/CSCs shall be completed by the Home Agency/CSC as stipulated in the Transmission Methodology section.
2. For tags with a status of "Invalid" (TAG\_STATUS = '3'), a companion file (the Invalid Tag Customer File) shall contain the name and address information of the associated customer. The Invalid Tag Customer File will allow the Away Agency/CSC to perform violation processing against these customers without the need to perform a DMV lookup.
3. In the event that an invalid header record is encountered (e.g., character data in a numeric field, etc.), the Away Agency/CSC should reject the file and notify the Home Agency/CSC via the Acknowledgement File.
4. In the event that a invalid detail record is encountered (e.g., inappropriate TAG\_STATUS, etc.), the Away Agency/CSC should reject the file and notify the Home Agency/CSC via the Acknowledgement File.
5. The Home Agency/CSC shall perform appropriate sanity checks on the Tag Status File prior to its transmission to the Away Agency/CSC. Such sanity checks should include, but not be limited to:
  - Unusual growth in the number of tags from previous version
  - Unusual change in number of tags with a particular tag status
6. The Home Agency/CSC shall only include information for tags which it issued.
7. A CSC which issues tags under more than one Agency ID shall send only a single Tag Status File containing all tags and not separate Tag Status Files for each Agency ID.
8. Removed
9. The setting of the E-ZPass Plus status bits shall be governed by the appropriate reciprocity agreements and Home Agency business rules.

10. A TAG\_STATUS of Invalid or Lost/Stolen (values of '3' or '4') shall override any of the E-ZPass Plus status bits.

## 4.0 Tag Status Update File

### 4.1 File Type:

Variable length, LF delimited

### 4.2 File Name:

{FROM\_AGENCY\_ID}\_YYYYMMDDHHMMSS.ITGU

Example: 008\_19971201001015.ITGU  
E-ZPass NY tag status update file created on 00:10:15 on 12/01/1997

### 4.3 File Use:

The Tag Status Update File is created by the Home Agency/CSC to inform Away Agencies/CSCs as to the updated status of particular new and/or existing tags associated with an account held by the Home Agency/CSC. Used to periodically report updated tag information throughout the day so that agencies which have the ability to update their lane systems during the day can do so.

### 4.4 File Layout:

Tag Status Update File – Header Structure		
Field Name	Type/Size	Description/Valid Values
FILE_TYPE	CHAR(4)	ITGU
FROM_AGENCY_ID	CHAR(3)	Standard agency ID code of the Home Agency/CSC (See Appendix E)
FILE_DATE	CHAR(8)	Date file created. Format: YYYYMMDD
FILE_TIME	CHAR(6)	Time file created: Format: HHMMSS
PREV_FILE_DATE	CHAR(8)	Date of the Tag Status File (full) for which this is an update. Format: YYYYMMDD
PREV_FILE_TIME	CHAR(6)	Time of the Tag Status File (full) for which this is an update. Format: HHMMSS
RECORD_COUNT	CHAR(8)	Count of all tags in file. Does not include header record. Values: 00000000 – 99999999
COUNT_STAT1	CHAR(8)	Count of all tags with status code 1. Values: 00000000 – 99999999
COUNT_STAT2	CHAR(8)	Count of all tags with status code 2. Values: 00000000 – 99999999
COUNT_STAT3	CHAR(8)	Count of all tags with status code 3. Values: 00000000 – 99999999
COUNT_STAT4	CHAR(8)	Count of all tags with status code 4. Values: 00000000 – 99999999
DELIMITER	CHAR(1)	LF
<b>Header Total</b>	<b>76</b>	

Tag Status Update File - Detail Structure		
Field Name	Type/Size	Description/Valid Values
TAG_AGENCY_ID	CHAR(3)	Tag agency ID. Values: 000 – 127
TAG_SERIAL_NUMBER	CHAR(8)	Tag serial number. Values: 00000001 – 16777215
TAG_STATUS	CHAR(1)	1 – Valid 2 – Low Balance 3 – Invalid (tag is not valid for use and will not be honored by the Home Agency/CSC but the customer information is available in the Invalid Tag Customer File). 4 – Lost/Stolen (also includes all tags which are not valid for use and will not be honored by the Home Agency/CSC and for which customer information is not available). Note: Status “4” is still applicable to ITGU files.

Tag Status Update File - Detail Structure		
Field Name	Type/Size	Description/Valid Values
TAG_ACCT_INFO	CHAR(6)	<p>A string of 24 bits (3 characters) converted to Hex-ASCII format (6 characters). The 24 bits represent the following:</p> <p>Bit 1 (rightmost bit): E-ZPass Plus - Parking status                      1 – Tag is valid for E-ZPass Plus parking applications                      0 – Tag is NOT valid for E-ZPass Plus parking applications</p> <p>Bit 2 – 23: Discount bits                      1 – Tag has associated discount plan                      0 – Tag does not have associated plan</p> <p>Plan bits are defined as follows:                      Bit 2: PANYNJ Staten Island Bridges                      Bit 3: PANYNJ Green Discount                      Bit 4: PANYNJ Carpool                      Bit 5: PANYNJ Non-revenue                      Bit 6: NYSBA Discount                      Bit 7: NYSTA Annual Permit                      Bit 8: NYSTA Tappan Zee Commuter                      Bit 9: NYSTA Tappan Zee Carpool                      Bit 10: MTA Rockaway Resident                      Bit 11: MTA Staten Island Resident                      Bit 12: DRPA Discount                      Bit 13: SJTA Discount                      Bit 14: NJHA Bus Discount                      Bits 15 – 23: Reserved (must be set to zero)</p> <p>Bit 24 (leftmost bit): E-ZPass Plus - Non-Parking status                      1 – Tag is valid for E-ZPass Plus non-parking applications                      0 – Tag is NOT valid for E-ZPass Plus non-parking applications</p> <p>Note that at this time, Bit 24 should be set to 0.</p>
DELIMITER	CHAR(1)	LF
<b>Record Total</b>	<b>19</b>	

**4.5 Processing Requirements:**

1. This file is not accompanied by an Invalid Tag Customer File. The Away Agency/CSC should refer to the next Invalid Tag Customer File which will accompany the next full Tag Status File for any associated customer information.
2. This file is sent in differential format which means that it includes all changes made since the last full Tag Status File, and not just changes since the last update file.
3. Frequency of this file could be as often as hourly.
4. File size should be negligible since the file will primarily be used to inform the Away Agencies/CSCs of updated tag information on an as needed basis.
5. In the event that an invalid header record is encountered (e.g., character data in a numeric field, etc.), the Away Agency/CSC should reject the file and notify the Home Agency/CSC via the Acknowledgement File.
6. In the event that a invalid detail record is encountered (e.g., inappropriate TAG\_STATUS, etc.), the Away Agency/CSC should reject the file and notify the Home Agency/CSC via the Acknowledgement File.
7. In the event that the PREV\_FILE\_DATE or PREV\_FILE\_TIME do not agree with the date and/or time of the previous full Tag Status File, the update file should be rejected and the Home Agency/CSC should be notified via the Acknowledgement File.
8. The Home Agency/CSC shall only include information for tags which it issued.
9. A CSC which issues tags under more than one Agency ID shall send only a single Tag Status Update File containing all tags and not separate Tag Status Update Files for each Agency ID.

## 5.0 Invalid Tag Customer File

### 5.1 File Type:

Variable length, LF delimited

### 5.2 File Name:

{FROM\_AGENCY\_ID}\_YYYYMMDDHHMMSS.IITC

Example: 009\_19971201041015.IITC  
DRPA customer file created on 04:10:15 on 12/01/1997

### 5.3 File Use:

The Invalid Tag Customer File shall be created by the Home Agency/CSC to inform the Away Agencies/CSCs of the name/address information of the customers associated with tags whose status is "Invalid" (TAG\_STATUS = '3') so that the Away Agency/CSC can process violations against those customers (when used in conjunction with the Tag Status File as described above or with rejected transactions from the Transaction Reconciliation File below) without the need to perform a DMV lookup.

### 5.4 File Layout:

Invalid Tag Customer File – Header Structure		
Field Name	Type/Size	Description/Valid Values
FILE_TYPE	CHAR(4)	IITC
FROM_AGENCY_ID	CHAR(3)	Standard agency ID code of the Home Agency/CSC (See Appendix E)
FILE_DATE	CHAR(8)	Date file created. Format: YYYYMMDD
FILE_TIME	CHAR(6)	Time file created. Format: HHMMSS
RECORD_COUNT	CHAR(8)	Count of transactions in the file. Does not include header record. Values: 00000000 – 99999999
DELIMITER	CHAR(1)	LF
<b>Header Total</b>	<b>30</b>	

Invalid Tag Customer File – Detail Structure		
Field Name	Type/Size	Description/Valid Values
CUST_TAG_AGENCY_ID	CHAR(3)	Associated tag agency id with a "invalid" status (TAG_STATUS = '3'). Values: 000 – 127
CUST_TAG_SERIAL	CHAR(8)	Associated tag serial number with a "invalid" status (TAG_STATUS = '3'). Values: 00000001 – 16777215
CUST_LAST_NAME	CHAR(40)	Required (unless CUST_COMPANY is non-blank in which case CUST_LAST_NAME is optional). Right padded with trailing blanks as necessary.
CUST_FIRST_NAME	CHAR(40)	Required (unless CUST_COMPANY is non-blank in which case CUST_FIRST_NAME is optional). Right padded with trailing blanks as necessary.
CUST_MI	CHAR(1)	Optional – may be blank. Right padded with trailing blanks as necessary.
CUST_COMPANY	CHAR(50)	Required (unless CUST_LAST_NAME is non-blank) Right padded with trailing blanks as necessary.
CUST_ADDR_1	CHAR(40)	Required Right padded with trailing blanks as necessary.
CUST_ADDR_2	CHAR(40)	Optional – may be blank. Right padded with trailing blanks as necessary.
CUST_CITY	CHAR(30)	Required Right padded with trailing blanks as necessary.
CUST_STATE	CHAR(2)	Required Right padded with trailing blanks as necessary.
CUST_ZIP	CHAR(9)	Required Right padded with trailing blanks as necessary.
DELIMITER	CHAR(1)	LF
<b>Record Total</b>	<b>264</b>	

**5.5 Processing Requirements:**

1. Assuming a Home Agency/CSC has 4 million tags and that 5% of those tags have an “invalid” status at any given time, the file would contain 200,000 customer records.
2. Individual records should be retained for the duration as specified in the Reciprocity Agreement under Account Settlement Process for Valid Tag Transactions when accounts are closed (see “OLD1” value of ETC\_POST\_STATUS in Transaction Reconciliation File).

## 6.0 Transaction File

### 6.1 File Type:

Variable length, LF delimited

### 6.2 File Name:

{FROM\_AGENCY\_ID}\_{TO\_AGENCY\_ID}\_YYYYMMDDHHMMSS.ICTX

Example: 008\_009\_19971201001015.ICTX  
E-ZPass NY transactions to DRPA create on 00:10:15 on 12/01/1997

### 6.3 File Use:

The Transaction File shall be created by the Away Agency/CSC to inform the Home Agency/CSC of all toll transactions occurring at Away Agency/CSC facilities for valid and low balance status tags (TAG\_STATUS = '1' or '2') as well as license plates belonging to the Home Agency/CSC that do not have companion accounts at the Away Agency/CSC.

### 6.4 File Layout:

Transaction File – Header Structure		
Field Name	Type/Size	Description/Valid Values
FILE_TYPE	CHAR(4)	ICTX
FROM_AGENCY_ID	CHAR(3)	Standard agency ID code of the Away Agency/CSC (See Appendix E)
TO_AGENCY_ID	CHAR(3)	Standard agency ID code of the Home Agency/CSC (See Appendix E)
FILE_DATE	CHAR(8)	Date file created. Format: YYYYMMDD
FILE_TIME	CHAR(6)	Time file created. Format: HHMMSS
RECORD_COUNT	CHAR(8)	Count of transactions in the file. Does not include header record. Values: 00000000 – 99999999
ICTX_FILE_NUM	CHAR(6)	A unique sequential number used to identify the Transaction File to the To Agency. Values 000001 – 999999.
DELIMITER	CHAR(1)	LF
<b>Header Total</b>	<b>39</b>	

Transaction File – Detail Structure		
Field Name	Type/Size	Description/Valid Values
ETC_TRX_SERIAL_NUM	CHAR(12)	The unique key of a transaction assigned by the Away Agency/CSC. Values: 000000000000 – 999999999999
ETC_REVENUE_DATE	CHAR(8)	The revenue date of the transaction as determined by the Away Agency/CSC. This date shall be used in the generation of any casual use reports by the Home Agency/CSC. Format: YYYYMMDD
ETC_FAC_AGENCY	CHAR(3)	A code indicating the agency which owns/operates the facility on which the transaction occurred.  For multi-agency CSCs, this code will not represent the CSC but will represent the agency within the CSC which owns/operates the facility. Therefore, for the NJ Regional CSC, the codes for the individual agencies will be used and not 022.  See Appendix E for valid values.
ETC_TRX_TYPE	CHAR(1)	This field is used to denote the type of transaction. Transactions come in two main varieties:  Toll transactions: B – Barrier C – Ticketed Complete X – Ticketed Unmatched Exit
ETC_ENTRY_DATE	CHAR(8)	The date the vehicle entered the facility. Format: YYYYMMDD  ***** for Barrier/Unmatched Exit

Transaction File – Detail Structure		
Field Name	Type/Size	Description/Valid Values
ETC_ENTRY_TIME	CHAR(6)	The time the vehicle entered the facility. Format: HHMMSS  ***** for Barrier/Unmatched Exit
ETC_ENTRY_PLAZA	CHAR(3)	The ETC_FAC_AGENCY plaza code of the plaza at which the vehicle entered the facility.  *** for Barrier/Unmatched Exit  The contents of this field are left justified and padded with trailing blanks as needed.  Refer to Appendix B for the list of valid values for this field.
ETC_ENTRY_LANE	CHAR(3)	The ETC_FAC_AGENCY lane code of the lane at which the vehicle entered the facility.  The contents of this field are left justified and padded with trailing blanks as needed.  *** for Barrier/Unmatched Exit
ETC_TAG_AGENCY	CHAR(3)	Standard agency ID read from the tag or as retrieved from the Customer License Plate File for an untagged violation. Values: 000 – 127
ETC_TAG_SERIAL_NUMBER	CHAR(8)	Tag serial number read from the tag or as retrieved from the Customer License Plate File for an untagged violation. Values: 00000001 – 16777215
ETC_READ_PERFORMANCE	CHAR(2)	The total number of times the tag was read while in the capture zone. Obtained from the AVI reader. Values: 00 – 99 ** for untagged violation or if data is unavailable  For Ticketed, this would be from the exit transaction.
ETC_WRITE_PERF	CHAR(2)	The total number of times the tag was written to while in the capture zone. Obtained from the AVI reader. Values: 00 – 99 ** for untagged violation or if data is unavailable  For Ticketed, this would be from the exit transaction.
ETC_TAG_PGM_STATUS	CHAR(1)	The result of the AVI tag program cycle. Obtained from the AVI reader. Values: S – Success U – Unverified F – Failed * for untagged violation or if data is unavailable  For Ticketed, this would be from the exit transaction.  This field along when used in conjunction with ETC_READ_PERFORMANCE and ETC_WRITE_PERF would allow the Home Agency to gauge tag performance over time.
ETC_LANE_MODE	CHAR(1)	The mode the lane was operating in at the time of the transaction. Values: E – ETC Only (Dedicated) A – ETC/ACM M – Manned/ETC C – Manned/ETC with Carpool confirmation  For Ticketed, this would be from the exit transaction.
ETC_VALIDATION_STATUS	CHAR(1)	The tag status from the tag status file at the time of the transaction. Values: 1 – Good 2 – Low Balance * - Untagged violation where no tag was read but the license plate on the image was found on the Customer License Plate File. Also used if the lane system does not report this value to its CSC.  For Ticketed, this would be from the exit transaction.
ETC_LIC_STATE	CHAR(2)	License plate state for untagged violation. ** for tagged transaction.

Transaction File – Detail Structure		
Field Name	Type/Size	Description/Valid Values
ETC_LIC_NUMBER	CHAR(10)	License plate number for untagged violation. ***** for tagged transaction.  Note that the ETC_LIC_STATE/ETC_LIC_NUMBER presented in the transaction may not actually be associated with the account represented by the ETC_TAG_AGENCY/ ETC_TAG_SERIAL_NUMBER. The Home Agency/CSC should use the tag information to determine the account to which the transaction should be posted.  The Home Agency/CSC should attempt to present the transaction on the customer's statement using the license plate information when such is provided (as opposed to the tag information).
ETC_CLASS_CHARGED	CHAR(3)	The Away Agency class code used to determine the toll amount. This class is as determined by the Away Agency using any combination of tag class, AVC class, and/or toll collector classification.  The contents of this field are left justified and padded with trailing blanks as needed.  This field should not be validated by the receiver as to form or content and may be blank. However, Refer to Appendix C for the list of typical values for this field.
ETC_ACTUAL_AXLES	CHAR(2)	The number of axles associated with the vehicle. Values: 00 – 99
ETC_EXIT_SPEED	CHAR(3)	The speed in MPH of the vehicle as it exited the facility. If the Away Agency cannot/does not measure speed, 000 should be used. Values: 000 – 999  This field would allow the Home Agency to gauge customer speed activity over time. It also can be used to offset low counts in the ETC_READ_PERFORMANCE and ETC_WRITE_PERF fields since vehicles traveling at higher speeds typically have lower performance figures.
ETC_OVER_SPEED	CHAR(1)	An indicator of whether or not the speed reported in ETC_EXIT_SPEED was over the allowable threshold for that plaza/lane. Values: Y – Speed is over threshold N – Speed is not over threshold
ETC_EXIT_DATE	CHAR(8)	The date the vehicle exited the facility. Format: YYYYMMDD
ETC_EXIT_TIME	CHAR(6)	The time the vehicle exited the facility. Format: HHMMSS
ETC_EXIT_PLAZA	CHAR(3)	The ETC_FAC_AGENCY plaza code of the plaza at which the vehicle exited the facility.  The contents of this field are left justified and padded with trailing blanks as needed.  Refer to Appendix B for the list of valid values for this field.
ETC_EXIT_LANE	CHAR(3)	The ETC_FAC_AGENCY lane code of the lane at which the vehicle exited the facility.  The contents of this field are left justified and padded with trailing blanks as needed.
ETC_DEBIT_CREDIT	CHAR(1)	An indicator as to whether the toll reflected in ETC_TOLL_AMOUNT is to be debited from the customer account or credited to the customer account. Values: Plus (+) – Debit from customer account Space ( ) – Debit from customer account Minus (-) – Credit to customer account
ETC_TOLL_AMOUNT	CHAR(5)	The toll due as calculated by the Away Agency. Values: 00000 (\$000.00) – 99999 (\$999.99)
DELIMITER	CHAR(1)	LF
<b>Record Total</b>	<b>110</b>	

## 6.5 Processing Requirements:

1. It shall be the responsibility of the Away Agency/CSC to ensure that the Transaction File does not contain two (or more) non-license plate (i.e., tagged with no ETC\_LIC\_NUMBER information) transactions for the same ETC\_TAG\_AGENCY/ ETC\_TAG\_SERIAL\_NUMBER combination in the same ETC\_EXIT\_PLAZA within a one (1) minute period.

Also, it shall be the responsibility of the Home Agency/CSC to validate incoming Transaction Files to ensure that they do not contain two (or more) non-license plate transactions for the same ETC\_TAG\_AGENCY/ETC\_TAG\_SERIAL\_NUMBER combination in the same ETC\_EXIT\_PLAZA within a one (1) minute period.

Note that license plate transactions which are transactions that contain license plate data (even though they also contain tag data) shall not utilize the tag data they contain for any duplication checking. The tag data in license plate transactions is solely for informational purposes and to aid in identifying the correct E-ZPass account.

2. While tag information (in addition to the ETC\_LIC\_NUMBER information) will be passed back to the Home Agency for untagged (i.e., license plate based) violations (based on the tag information retrieved from the Customer License Plate File), the Home Agency should reflect only the license plate information on the customer's statement so as to avoid potential confusion with another transaction for the same tag.
3. A credit transaction must have its own unique ETC\_TRX\_SERIAL\_NUM but may share the same agency, plaza, lane and date/time information so that it may be accurately reflected on the customer account and statement. This duplication of agency, plaza, lane and date/time information should not be considered a duplicate as discussed in requirement #1. This field should NOT be used in lieu of the Transaction Correction File. Its primary use is to generate credit transactions in the same file as the original debit transaction.

For example, NYSTA annual permit holders who pass through the Harriman barrier toll plaza (and create a debit toll transaction for 50 cents) could proceed North or South on the Thruway. If they proceed South, the 50 cent debit toll transaction will appear on their account. If they proceed North on the Thruway and then exit at the next exit they are given a 50 cent credit since they traversed less than 30 miles of the Thruway. The credit transaction will, in most circumstances, be included in the same Transaction File as the original debit transaction.

4. License plate transactions must be checked for duplicates by the Home Agency/CSC during the posting process to ensure that a tagged transaction does not already exist for the given account at the same plaza within one (1) minute of the license plate transaction. If a duplicate is found, the appropriate reconciliation code should be used (RJDP - see Transaction Reconciliation File).
5. Removed.
6. The combination of FROM\_AGENCY\_ID, TO\_AGENCY\_ID and ICTX\_FILE\_NUM forms a unique sequential key which will be used by the receiving agency (the TO\_AGENCY\_ID which is the Home Agency) to verify that each Transaction File was received without any gaps. As such, the same ICTX\_FILE\_NUM can be received by a Home Agency from multiple Away Agencies since it is the combination of the FROM\_AGENCY\_ID, TO\_AGENCY\_ID and ICTX\_FILE\_NUM which makes the ICTX\_FILE\_NUM unique.

If the ICTX\_FILE\_NUM of the current Transaction File does not equal the prior ICTX\_FILE\_NUM received from that FROM\_AGENCY\_ID plus one (1), the Acknowledgement File shall contain a RETURN\_CODE of '06' to signify that a gap in sequence numbers was found. However, the current Transaction File should still be processed.

If the ICTX\_FILE\_NUM of the current Transaction File is equal to the ICTX\_FILE\_NUM of a previous Transaction File, the Acknowledgement File shall contain a RETURN\_CODE of '05' and the current Transaction File should not be processed.

7. An Away Agency/CSC shall first check its own customer base to see if the transaction can be applied to one of its own accounts (possibly a companion account) before including the transaction in a Transaction File destined for another Agency/CSC.
8. Transactions shall be routed to a Home Agency/CSC based on the data contained in Appendix E, CSC/Agency Cross Reference.
9. CSCs which issue tags with multiple Agency IDs shall have all the transactions destined for them included in a single Transaction File and not in a separate Transaction File for each Agency ID.

## 7.0 Transaction Reconciliation File

### 7.1 File Type:

Variable length, LF delimited

### 7.2 File Name:

{FROM\_AGENCY\_ID}\_{TO\_AGENCY\_ID}\_YYYYMMDDHHMMSS.ICRX

Example: 008\_009\_19971201041015.ICRX  
E-ZPass NY reconciliation to DRPA created on 04:10:15 on 12/01/1997

### 7.3 File Use:

The Transaction Reconciliation File shall be created by the Home Agency/CSC to inform the Away Agency/CSC as to the disposition of toll transactions processed by the Home Agency/CSC which occurred at the Away Agency's/CSC's facilities.

### 7.4 File Layout:

Transaction Reconciliation File – Header Structure		
Field Name	Type/Size	Description/Valid Values
FILE_TYPE	CHAR(4)	ICRX
FROM_AGENCY_ID	CHAR(3)	Standard agency ID code of the Home Agency/CSC (See Appendix E)
TO_AGENCY_ID	CHAR(3)	Standard agency ID code of the Away Agency/CSC (See Appendix E)
FILE_DATE	CHAR(8)	Date file created. Format: YYYYMMDD
FILE_TIME	CHAR(6)	Time file created. Format: HHMMSS
RECORD_COUNT	CHAR(8)	Count of transactions in the file. Does not include header record. Values: 00000000 – 99999999
ICTX_FILE_NUM	CHAR(6)	The file number of the ICTX file to which this ICRX file is associated. Values: 000001 – 999999.
DELIMITER	CHAR(1)	LF
<b>Header Total</b>	<b>39</b>	

Transaction Reconciliation File – Detail Structure		
Field Name	Type/Size	Description/Valid Values
ETC_TRX_SERIAL_NUM	CHAR(12)	The unique key of the transaction assigned by the Away Agency/CSC. Values: 000000000000 – 999999999999
ETC_POST_STATUS	CHAR(4)	The result of the Home Agency's/CSC's attempt to post the transaction.  Values: for Toll transactions: POST – Toll transaction posted successfully via tag. PPST – Toll transaction posted successfully via license plate. NPST – Toll transaction did not post but Home Agency acknowledges that toll is still owed to the Away Agency.  INSU – Rejected, account has insufficient funds where transaction date/time (ETC_EXIT_DATE/ ETC_EXIT_TIME) is greater than date/time of acknowledgement from that Away Agency/CSC of receipt of full Tag Status File which indicated that the tag was in an Invalid status. See Invalid Tag Customer File for associated name/address information.  RJPL - Rejected license plate transaction. The license plate transaction could not be posted.  OLD1 - Rejected, old transaction – account closed. The difference between the date of the transaction and the date the transaction was received by the Home Agency/CSC exceeded that specified in the Reciprocity Agreement under Account Settlement Process for Valid Tag Transactions when accounts are closed.

Transaction Reconciliation File – Detail Structure		
Field Name	Type/Size	Description/Valid Values
		<p>OLD2 - Rejected, old transaction – other. The difference between the date of the transaction and the date the transaction was received by the Home Agency/CSC exceeded that specified in the Reciprocity Agreement under Account Settlement Process for Valid Tag Transactions when accounts are not closed.</p> <p>ACCB – Rejected, account in bad status (revoked, closed, etc.) where transaction date/time (ETC_EXIT_DATE/ ETC_EXIT_TIME) is greater than date/time of acknowledgement from that Away Agency/CSC of receipt of full Tag Status File which indicated that the tag was in an Invalid status. See Invalid Tag Customer File for associated name/address information.</p> <p>RINV - Rejected, the transaction contains invalid data (e.g., invalid agency as defined in Appendix A, invalid plaza as defined in Appendix B, invalid class as defined in Appendix C, etc.).</p> <p>TAGB – Rejected, tag in bad status (e.g., lost, stolen, etc.) where transaction date/time (ETC_EXIT_DATE/ ETC_EXIT_TIME) is greater than date/time of acknowledgement from that Away Agency/CSC of receipt of full Tag Status File which indicated that the tag was in a Lost/Stolen status.</p> <p>RJDP - Rejected, duplicate transaction. Usually associated with a skip read or cross lane read where a tagged transaction and license plate transaction exist for the same customer at the same plaza within one (1) minute. The license plate transaction is rejected as the duplicate.</p>
ETC_POST_PLAN	CHAR(5)	<p>The Away Agency/CSC discount plan used when the transaction was posted. This is only applicable when the Home Agency/CSC offers the Away Agency/CSC discount plans to its customers.</p> <p>Values: 00002 - PANYNJ Staten Island Bridges            00003 - PANYNJ All Bridges            00004 - PANYNJ Carpool            00005 - PANYNJ Non-revenue            00006 - NYSBA Discount            00007 - NYSTA Annual Permit            00008 - NYSTA Tappan Zee Commuter            00009 - NYSTA Tappan Zee Carpool            00010 - MTA Rockaway Resident            00011 - MTA Staten Island Resident            00012 - DRPA Discount            00013 - SJTA Discount            00014 - NJHA Bus Discount</p> <p>If no discount plan is used, this field shall be blank.</p>
ETC_DEBIT_CREDIT	CHAR(1)	<p>An indicator as to whether the amount reflected in ETC_OWED_AMOUNT is to be applied to the amount owed to the Away Agency or removed from that amount.</p> <p>Values: Plus (+) – Apply to amount owed            Space ( ) – Apply to amount owed            Minus (-) – Remove from amount owed</p>
ETC_OWED_AMOUNT	CHAR(5)	<p>The amount owed to the Away Agency. For rejected transactions, this would be 00000.</p> <p>For correction transactions, this would be the new (corrected) amount from the correction transaction (not the net of the original and corrected amount).</p> <p>Values: 00000 (\$000.00) – 99999 (\$999.99)</p>
DELIMITER	CHAR(1)	LF
<b>Record Total</b>	<b>28</b>	

**7.5 Processing Requirements:**

- Each reconciliation file shall be associated with a specific Transaction File (as indicated by the ICTX\_FILE\_NUM field in the Header record) and shall include reconciliation information for each and every transaction that was sent in the original Transaction File.

2. The ETC\_POST\_STATUS values of INSU, ACCB, and TAGB should not occur in the normal course of events. However, if the Away Agency/CSC was unable to transmit the latest tag status file to its lanes in a timely fashion, it would be possible for the Away Agency/CSC to generate a normal ETC transaction for a tag that the Home Agency/CSC has indicated is "Invalid" and attempt to collect for such a transaction from the Home Agency/CSC.

It would be in these cases that the Home Agency/CSC would reject a transaction since the transaction should have been treated as a violation in the lane by the Away Agency/CSC and the Home Agency/CSC will not take responsibility for the Away Agency's/CSC's inability to download tag status files in a timely manner.

3. For transactions rejected as INSU or ACCB, the Away Agency/CSC should use the Invalid Tag Customer File to look up customer name/address information so that they can recover the toll through their violation process.
4. Monthly settlement between the agencies shall be based on the dates embedded within the Acknowledgement Files for the corresponding Transaction Reconciliation Files and Correction Reconciliation Files. Therefore, settlement for December, 1998, which will occur in January, 1999, will be based on ACK files with FILE\_DATEs which match "199812???" (where the ? is a character wildcard). Settlement is based solely on transactions reconciled with ETC\_POST\_STATUS values of 'POST', 'PPST' or 'NPST'.

Refer to the *Report Specifications* sections (17.0 and on) for a description of the reports required to perform settlement.

5. The ICTX\_FILE\_NUM associated with the Transaction File to which this Transaction Reconciliation File contains reconciliation data is inserted into the header to assist the Away Agency (the TO\_AGENCY\_ID) in tracking the status of reconciliation.

Reconciliation does not have to be performed in a sequential manner, therefore, it is possible to receive ICTX\_FILE\_NUMs which are not in sequence. However, if the receiving agency detects a duplicate ICTX\_FILE\_NUM (implying that a Transaction File which has already been reconciled is now being reconciled again), the Acknowledgement File shall contain a RETURN\_CODE of '05' and the current Transaction Reconciliation File should not be processed. Such files will not be included in the monthly settlement.

6. If the RECORD\_COUNT in the Transaction Reconciliation File header record does not equal the number of transactions in the Transaction File referred to by ICTX\_FILE\_NUM or the Transaction Reconciliation File contains references to transactions which were not included in the Transaction File referred to by ICTX\_FILE\_NUM, the Transaction Reconciliation File should not be processed and the associated Acknowledgement File shall contain a RETURN\_CODE of '04'. Such files will not be included in the monthly settlement.

## 8.0 Correction File

### 8.1 File Type:

Variable length, LF delimited

### 8.2 File Name:

{FROM\_AGENCY\_ID}\_{TO\_AGENCY\_ID}\_YYYYMMDDHHMMSS.ITXC

Example: 008\_009\_19971201001015.ITXC  
E-ZPass NY transactions to DRPA create on 00:10:15 on 12/01/1997

### 8.3 File Use:

The Correction File shall be created by the Away Agency/CSC to replace toll transaction information already sent to the Home Agency/CSC with updated/corrected information.

### 8.4 File Layout:

Correction File – Header Structure		
Field Name	Type/Size	Description/Valid Values
FILE_TYPE	CHAR(4)	ITXC
FROM_AGENCY_ID	CHAR(3)	Standard agency ID code of the Away Agency/CSC (See Appendix E)
TO_AGENCY_ID	CHAR(3)	Standard agency ID code of the Home Agency/CSC (See Appendix E)
FILE_DATE	CHAR(8)	Date file created. Format: YYYYMMDD
FILE_TIME	CHAR(6)	Time file created. Format: HHMMSS
RECORD_COUNT	CHAR(8)	Count of transactions in the file. Does not include header record. Values: 00000000 – 99999999
ITXC_FILE_NUM	CHAR(6)	A unique sequential number used to identify the Transaction Correction File to the To Agency. Values 000001 – 999999.
DELIMITER	CHAR(1)	LF
<b>Header Total</b>	<b>39</b>	

Correction File – Detail Structure		
Field Name	Type/Size	Description/Valid Values
CORR_REASON	CHAR(2)	A code denoting the reason for the correction. Values: 01 – Resolved mismatch: class/toll corrected 02 – Ignore license plate transaction 03 – Ignore tagged transaction 04 – Corrected plaza/lane information 05 – Corrected toll
All other fields from the Transaction File	CHAR(110)	All fields from the original transaction (refer to Transaction File structure for details) will be retransmitted with the appropriate fields corrected to their required values.
<b>Record Total</b>	<b>112</b>	

### 8.5 Processing Requirements:

1. The combination of FROM\_AGENCY\_ID, TO\_AGENCY\_ID and ITXC\_FILE\_NUM forms a unique sequential key which will be used by the receiving agency (the TO\_AGENCY\_ID which is the Home Agency) to verify that each Correction File was received without any gaps. As such, the same ITXC\_FILE\_NUM can be received by a Home Agency from multiple Away Agencies since it is the combination of the FROM\_AGENCY\_ID, TO\_AGENCY\_ID and ITXC\_FILE\_NUM which makes the ITXC\_FILE\_NUM unique.

If the ITXC\_FILE\_NUM of the current Correction File does not equal the prior ITXC\_FILE\_NUM received from that FROM\_AGENCY\_ID plus one (1), the Acknowledgement File shall contain a RETURN\_CODE of '06' to signify that a gap in sequence numbers was found. However, the current Correction File should still be processed.

If the ITCX\_FILE\_NUM of the current Correction File is equal to the ITCX\_FILE\_NUM of a previous Correction File, the Acknowledgement File shall contain a RETURN\_CODE of '05' and the current Correction File should not be processed.

2. Transactions shall be routed to a Home Agency/CSC based on the data contained in Appendix E, CSC/Agency Cross Reference.
3. CSCs which issue tags with multiple Agency IDs shall have all the transactions destined for them included in a single Correction File and not in a separate Correction File for each Agency ID.
4. Transactions can only be sent in a Correction File once. Subsequent corrections to the same transaction, if required, must be handled manually.

## 9.0 Correction Reconciliation File

### 9.1 File Type:

Variable length, LF delimited

### 9.2 File Name:

{FROM\_AGENCY\_ID}\_{TO\_AGENCY\_ID}\_YYYYMMDDHHMMSS.IRXC

Example: 008\_009\_19971201041015.ICRX  
E-ZPass NY reconciliation to DRPA created on 04:10:15 on 12/01/1997

### 9.3 File Use:

The Correction Reconciliation File shall be created by the Home Agency/CSC to inform the Away Agency/CSC as to the disposition of correction transactions processed by the Home Agency/CSC which occurred at the Away Agency's/CSC's facilities.

### 9.4 File Layout:

Correction Reconciliation File – Header Structure		
Field Name	Type/Size	Description/Valid Values
FILE_TYPE	CHAR(4)	IRXC
FROM_AGENCY_ID	CHAR(3)	Standard agency ID code of the Home Agency/CSC (See Appendix E)
TO_AGENCY_ID	CHAR(3)	Standard agency ID code of the Away Agency/CSC (See Appendix E)
FILE_DATE	CHAR(8)	Date file created. Format: YYYYMMDD
FILE_TIME	CHAR(6)	Time file created. Format: HHMMSS
RECORD_COUNT	CHAR(8)	Count of transactions in the file. Does not include header record. Values: 00000000 – 99999999
ITXC_FILE_NUM	CHAR(6)	The file number of the ITXC file to which this IRXC file is associated. Values: 000001 – 999999.
DELIMITER	CHAR(1)	LF
<b>Header Total</b>	<b>39</b>	

Correction Reconciliation File – Detail Structure		
Field Name	Type/Size	Description/Valid Values
Same fields as the Transaction Reconciliation File	CHAR(28)	Same as the Transaction Reconciliation File.

### 9.5 Processing Requirements:

- Each reconciliation file shall be associated with a specific Correction File (as indicated by the ITXC\_FILE\_NUM field in the Header record) and shall include reconciliation information for each and every transaction that was sent in the original Correction File.
- Monthly settlement between the agencies shall be based on the dates embedded within the Acknowledgement Files for the corresponding Transaction Reconciliation Files and Correction Reconciliation Files. Therefore, settlement for December, 1998, which will occur in January, 1999, will be based on ACK files with FILE\_DATEs which match "199812???" (where the ? is a character wildcard). Settlement is based solely on transactions reconciled with ETC\_POST\_STATUS values of 'POST', 'PPST' or 'NPST'.
- The ITXC\_FILE\_NUM associated with the Correction File to which this Correction Reconciliation File contains reconciliation data is inserted into the header to assist the Away Agency (the TO\_AGENCY\_ID) in tracking the status of reconciliation.

Reconciliation does not have to be performed in a sequential manner, therefore, it is possible to receive ITXC\_FILE\_NUMs which are not in sequence. However, if the receiving agency detects a duplicate ITXC\_FILE\_NUM (implying that a Correction File which has already been reconciled is now being reconciled again), the Acknowledgement File shall contain a RETURN\_CODE of '05' and the current

Correction Reconciliation File should not be processed. Such files will not be included in the monthly settlement.

4. If the RECORD\_COUNT in the Correction Reconciliation File header record does not equal the number of transactions in the Correction File referred to by ITCX\_FILE\_NUM or the Correction Reconciliation File contains references to transactions which were not included in the Correction File referred to by ITCX\_FILE\_NUM, the Correction Reconciliation File should not be processed and the associated Acknowledgement File shall contain a RETURN\_CODE of '04'. Such files will not be included in the monthly settlement.

## 10.0 Customer License Plate File

### 10.1 File Type:

Variable length, LF delimited

### 10.2 File Name:

{FROM\_AGENCY\_ID}\_YYYYMMDDHHMMSS.ICLP

Example: 008\_19971201041015.ICLP  
E-ZPass NY license plate file created on 04:10:15 on 12/01/1997

### 10.3 File Use:

The Customer License Plate File shall be created by the Home Agency/CSC to inform the Away Agencies/CSCs of the vehicle license plate numbers of its valid customers (customers with at least one tag with a TAG\_STATUS of '1' or '2'). This file will allow the Away Agency/CSC to collect the toll from the Home Agency/CSC for an untagged customer violation.

### 10.4 File Layout:

Customer License Plate File - Header Structure		
Field Name	Type/Size	Description/Valid Values
FILE_TYPE	CHAR(4)	ICLP
FROM_AGENCY_ID	CHAR(3)	Standard agency ID code of the Home Agency/CSC (See Appendix E)
FILE_DATE	CHAR(8)	Date file created. Format: YYYYMMDD
FILE_TIME	CHAR(6)	Time file created. Format: HHMMSS
RECORD_COUNT	CHAR(8)	Count of detail records in the file. Does not include header record. Values: 00000000 – 99999999
DELIMITER	CHAR(1)	LF
<b>Header Total</b>	<b>30</b>	

Customer License Plate File - Detail Structure		
Field Name	Type/Size	Description/Valid Values
LIC_STATE	CHAR(2)	Standard State abbreviation (or Province abbreviation for Canada). This field cannot be blank. If this field does not contain a valid state/province abbreviation, the record should be rejected.  Refer to Appendix I for the list of valid values for this field.
LIC_NUMBER	CHAR(10)	Plate number must be left justified with no embedded blanks  Shall follow format required for DMV lookups including required prefixes, suffixes, or handling of special characters as dictated by the state which issued the plate. This could include hyphens (-), periods (.) or other special characters.  If this field contains invalid characters, the record should be rejected.
LIC_TYPE	CHAR(2)	The license plate type. Values: ** if unused
TAG_AGENCY_ID	CHAR(3)	Tag agency ID. Values: 000 – 127
TAG_SERIAL_NUMBER	CHAR(8)	Tag serial number. Values: 00000001 – 16777215
DELIMITER	CHAR(1)	LF
<b>Record Total</b>	<b>26</b>	

### 10.5 Processing Requirements:

1. Only license plates associated with tags issued by the Home Agency/CSC should be included in this file and it should not include any license plates associated with companion accounts (i.e., tags issued by another Agency/CSC).

2. The tag information provided by the Home Agency/CSC should be the first valid tag for the account.
3. The Away Agency/CSC should first perform a lookup of a violation license plate on their own customer file. If no match is found, the Away Agency/CSC would then perform a lookup of the license plate on the Customer License Plate File to determine if the plate belongs to the customer of another agency/CSC.
4. The Away Agency/CSC should maintain a table of all license plate information received from the Home Agency/CSC. The table would maintain a date for each license plate which would be updated each time information was received for that license plate. License plate data would be purged from the table if no data for the license plate was received for the duration as specified in the Reciprocity Agreement under Account Settlement Process for Valid Tag Transactions when accounts are closed.
5. The Away Agency/CSC would utilize this file to look up the license plate retrieved from the violation image and determine that the plate belongs to a customer of the Home Agency/CSC.

The Away Agency/CSC would then use the tag information associated with the license plate to perform a lookup on the Tag Status File it received from the Home Agency/CSC for the date corresponding to the date on which the violation took place so as to determine the status of the account on that date.

If the TAG\_STATUS was for a valid account (value of 1 or 2), the violation transaction would be sent to the Home Agency/CSC with the license plate information as well as the tag information found in the table and the Home Agency/CSC would attempt to post the transaction to the customer's account.

If the TAG\_STATUS was for an invalid account (value of 3), the Away Agency/CSC would send the customer a violation notice using the name/address information retrieved from the Invalid Customer File (by using the tag information from the Customer License Plate File and finding the associated name/address information on the Invalid Customer File).

If the TAG\_STATUS was for a lost/stolen tag (value of 4), the Away Agency/CSC would treat this violation as a standard non-customer violator and retrieve the name/address information from the appropriate DMV.

6. In the event that a invalid detail record is encountered (e.g., inappropriate LIC\_STATE or LIC\_NUMBER, etc.), the Away Agency/CSC should skip that record and notify the Home Agency/CSC via the Acknowledgement File with a RETURN\_CODE value of '02'. The remainder of the file should continue to be processed.
7. If the same LIC\_STATE and LIC\_NUMBER combination is received from more than one Home Agency/CSC, the Away Agency/CSC shall use the information from the Home Agency/CSC with the lowest numerical FROM\_AGENCY\_ID.
8. If a complete Customer License Plate File is missing from a Home Agency/CSC, the Away Agency/CSC shall utilize the most recent Customer License Plate File received prior to the missing Customer License Plate File. However, as discussed in rule #4 above, if the Home Agency/CSC does not send any Customer License Plate Files for the duration as specified in the Reciprocity Agreement under Account Settlement Process for Valid Tag Transactions when accounts are closed, then all license plates from that Home Agency/CSC shall be considered invalid.

## 11.0 Non-Toll Transaction File

### 11.1 File Type:

Variable length, LF delimited

### 11.2 File Name:

{HOST\_AGENCY\_ID}\_{HOME\_AGENCY\_ID}\_YYYYMMDDHHMMSS.INTX

Example: 004\_009\_19971201001015.INTX

NYSTA non-toll transactions to DRPA create on 00:10:15 on 12/01/1997

### 11.3 File Use:

The Non-Toll Transaction File shall be created by the Host Agency/CSC to inform the Home Agency/CSC of all transactions occurring at non-toll facilities hosted by the Host Agency/CSC for tags indicated as valid for E-ZPass Plus.

### 11.4 File Layout:

Non-Toll Transaction File – Header Structure		
Field Name	Type/Size	Description/Valid Values
FILE_TYPE	CHAR(4)	INTX
HOST_AGENCY_ID	CHAR(3)	Standard agency ID code of the Host Agency (See Appendix A)
HOME_AGENCY_ID	CHAR(3)	Standard agency ID code of the Home Agency/CSC (See Appendix A)
FILE_DATE	CHAR(8)	Date file created. Format: YYYYMMDD
FILE_TIME	CHAR(6)	Time file created. Format: HHMMSS
RECORD_COUNT	CHAR(8)	Count of transactions in the file. Does not include header record. Values: 00000000 – 99999999
INTX_FILE_NUM	CHAR(6)	A unique sequential number used to identify the Non-Toll Transaction File to the Home Agency. Values 000001 – 999999.
DELIMITER	CHAR(1)	LF
<b>Header Total</b>	<b>39</b>	

Non-Toll Transaction File – Detail Structure		
Field Name	Type/Size	Description/Valid Values
ETC_TRX_SERIAL_NUM	CHAR(12)	The unique key of a transaction assigned by the Away Agency/CSC. Values: 000000000000 – 999999999999
ETC_REVENUE_DATE	CHAR(8)	The revenue date of the transaction as determined by the Away Agency/CSC. This date shall be used in the generation of any casual use reports by the Home Agency/CSC. Format: YYYYMMDD
ETC_FAC_AGENCY	CHAR(3)	A code indicating the <b>facility operator</b> at which the transaction occurred.  See Appendix A for valid values.
ETC_TRX_TYPE	CHAR(1)	This field is used to denote the type of transaction. Values: P - Parking Transaction N - Non-Parking Transaction
ETC_ENTRY_DATE	CHAR(8)	The date the vehicle entered the facility. Format: YYYYMMDD  Optional for Non-Toll transactions. If not provided must be *****.
ETC_ENTRY_TIME	CHAR(6)	The time the vehicle entered the facility. Format: HHMMSS  Optional for Non-Toll transactions. If not provided must be *****.
ETC_ENTRY_PLAZA	CHAR(3)	The ETC_FAC_AGENCY plaza code of the plaza at which the vehicle entered the facility.  Optional for Non-Toll transactions. If not provided must be ***.  The contents of this field are left justified and padded with trailing blanks as needed.  Refer to Appendix B for the list of valid values for this field.

Non-Toll Transaction File – Detail Structure		
Field Name	Type/Size	Description/Valid Values
ETC_ENTRY_LANE	CHAR(3)	The ETC_FAC_AGENCY lane code of the lane at which the vehicle entered the facility.  The contents of this field are left justified and padded with trailing blanks as needed.  Optional for Non-Toll transactions. If not provided must be ***.
ETC_TAG_AGENCY	CHAR(3)	Standard agency ID read from the tag. Values: 000 – 127
ETC_TAG_SERIAL_NUMBER	CHAR(8)	Tag serial number read from the tag. Values: 00000001 – 16777215
ETC_READ_PERFORMANCE	CHAR(2)	The total number of times the tag was read while in the capture zone. Obtained from the AVI reader. Values: 00 – 99 ** if data is unavailable  For Non-Toll transactions, this would be from the exit transaction.
ETC_WRITE_PERF	CHAR(2)	The total number of times the tag was written to while in the capture zone. Obtained from the AVI reader. Values: 00 – 99 ** if data is unavailable  For Non-Toll transactions, this would be from the exit transaction.
ETC_TAG_PGM_STATUS	CHAR(1)	The result of the AVI tag program cycle. Obtained from the AVI reader. Values: S – Success U – Unverified F – Failed * if data is unavailable  For Non-Toll transactions, this would be from the exit transaction.  This field along when used in conjunction with ETC_READ_PERFORMANCE and ETC_WRITE_PERF would allow the Home Agency to gauge tag performance over time.
ETC_LANE_MODE	CHAR(1)	The mode the lane was operating in at the time of the transaction. Values: E – ETC Only (Dedicated) A – ETC/ACM M – Manned/ETC  For Non-Toll transactions, this would be from the exit transaction.
ETC_VALIDATION_STATUS	CHAR(1)	The tag status from the tag status file at the time of the transaction. Values: 1 – Good * - Used if the lane system does not report this value to its CSC.  For Non-Toll transactions, this would be from the exit transaction.
ETC_LIC_STATE	CHAR(2)	Unused for Non-Toll transactions. Must contain **.
ETC_LIC_NUMBER	CHAR(10)	Unused for Non-Toll transactions. Must contain *****.
ETC_CLASS_CHARGED	CHAR(3)	Unused for Non-Toll transactions. Must contain ***.
ETC_ACTUAL_AXLES	CHAR(2)	The number of axles associated with the vehicle. Values: 00 – 99  If not available, should default to the number of axles encoded on the tag.
ETC_EXIT_SPEED	CHAR(3)	The speed in MPH of the vehicle as it exited the facility. If the Away Agency cannot/does not measure speed, 000 should be used. Values: 000 – 999  This field would allow the Home Agency to gauge customer speed activity over time. It also can be used to offset low counts in the ETC_READ_PERFORMANCE and ETC_WRITE_PERF fields since vehicles traveling at higher speeds typically have lower performance figures.
ETC_OVER_SPEED	CHAR(1)	An indicator of whether or not the speed reported in ETC_EXIT_SPEED was over the allowable threshold for that plaza/lane. Values: Y – Speed is over threshold N – Speed is not over threshold

Non-Toll Transaction File – Detail Structure		
Field Name	Type/Size	Description/Valid Values
ETC_EXIT_DATE	CHAR(8)	The date the vehicle exited the facility. Format: YYYYMMDD
ETC_EXIT_TIME	CHAR(6)	The time the vehicle exited the facility. Format: HHMMSS
ETC_EXIT_PLAZA	CHAR(3)	The ETC_FAC_AGENCY plaza code of the plaza at which the vehicle exited the facility.  The contents of this field are left justified and padded with trailing blanks as needed.  Refer to Appendix B for the list of valid values for this field.
ETC_EXIT_LANE	CHAR(3)	The ETC_FAC_AGENCY lane code of the lane at which the vehicle exited the facility.  The contents of this field are left justified and padded with trailing blanks as needed.
ETC_DEBIT_CREDIT	CHAR(1)	An indicator as to whether the amount reflected in ETC_AMOUNT_DUE is to be debited from the customer account or credited to the customer account. Values: Plus (+) – Debit from customer account Space ( ) – Debit from customer account Minus (-) – Credit to customer account
ETC_AMOUNT_DUE	CHAR(7)	The amount due as calculated by the Away Agency. Values: 0000000 (\$00000.00) – 9999999 (\$99999.99)
DELIMITER	CHAR(1)	LF
<b>Record Total</b>	<b>112</b>	

**11.5 Processing Requirements:**

1. It shall be the responsibility of the Host Agency/CSC to ensure that the Non-Toll Transaction File does not contain two (or more) transactions for the same ETC\_TAG\_AGENCY/ ETC\_TAG\_SERIAL\_NUMBER combination in the same ETC\_EXIT\_PLAZA within a five (5) minute period.

Also, it shall be the responsibility of the Home Agency/CSC to validate incoming Non-Toll Transaction Files to ensure that they do not contain two (or more) transactions for the same ETC\_TAG\_AGENCY/ ETC\_TAG\_SERIAL\_NUMBER combination in the same ETC\_EXIT\_PLAZA within a five (5) minute period.

2. A credit transaction must have it own unique ETC\_TRX\_SERIAL\_NUM but may share the same agency, plaza, lane and date/time information so that it may be accurately reflected on the customer account and statement. This duplication of agency, plaza, lane and date/time information should not be considered a duplicate as discussed in requirement #1. This field should NOT be used in lieu of the Correction File. Its primary use is to generate credit transactions in the same file as the original debit transaction.
3. Transactions originating at parking facilities will be sent with a value of 'P' in the ETC\_TRX\_TYPE field. Entry information (fields ETC\_ENTRY\_DATE, ETC\_ENTRY\_TIME, ETC\_ENTRY\_PLAZA and ETC\_ENTRY\_LANE) is optional for parking transactions in that it may be provided or may be filled with asterisks (\*). Exit information (ETC\_EXIT\_DATE, ETC\_EXIT\_TIME, ETC\_EXIT\_PLAZA and ETC\_EXIT\_LANE) must always be provided.

In the event that a parking facility charges based on entry to a lot (the fee is not time based), the transaction shall be treated in a fashion similar to a barrier toll transaction and the date, time, plaza and lane information shall be provided in the exit fields.

4. The combination of HOST\_AGENCY\_ID, HOME\_AGENCY\_ID and INTX\_FILE\_NUM forms a unique sequential key which will be used by the receiving agency (the Home Agency) to verify that each Non-Toll Transaction File was received without any gaps. As such, the same INTX\_FILE\_NUM can be received by a Home Agency from multiple Host Agencies since it is the combination of the HOST\_AGENCY\_ID, HOME\_AGENCY\_ID and INTX\_FILE\_NUM which makes the INTX\_FILE\_NUM unique.

If the INTX\_FILE\_NUM of the current Non-Toll Transaction File does not equal the prior INTX\_FILE\_NUM received from that HOST\_AGENCY\_ID plus one (1), the Acknowledgement File shall contain a RETURN\_CODE of '06' to signify that a gap in sequence numbers was found. However, the current Non-Toll Transaction File should still be processed.

If the INTX\_FILE\_NUM of the current Non-Toll Transaction File is equal to the INTX\_FILE\_NUM of a previous Non-Toll Transaction File, the Acknowledgement File shall contain the appropriate RETURN\_CODE and the current Non-Toll Transaction File should not be processed.

5. An Host Agency/CSC shall first check its own customer base to see if the transaction can be applied to one of its own accounts (possibly a companion account) before including the transaction in a Non-Toll Transaction File destined for another Agency/CSC. However, if the companion account is a post-paid account, the Host Agency/CSC should not post the transaction to its own account but should forward it to the Home Agency/CSC for posting.
6. Transactions shall be routed to a Home Agency/CSC based on the data contained in Appendix E, CSC/Agency Cross Reference.
7. Each Non-Toll Transaction File shall only contain transactions from a single Facility Operator (based on the ETC\_FAC\_AGENCY code in the detail transactions) and a separate Non-Toll Transaction File shall be created for each Home Agency. See Appendix F, Non-Toll Transaction Flow for an example of how non-toll transactions should be grouped and routed to a Home Agency.

## 12.0 Non-Toll Reconciliation File

### 12.1 File Type:

Variable length, LF delimited

### 12.2 File Name:

{HOME\_AGENCY\_ID}\_{HOST\_AGENCY\_ID}\_YYYYMMDDHHMMSS.INRX

Example: 009\_004\_19971201041015.INRX  
 DRPA reconciliation to NYSTA created on 04:10:15 on 12/01/1997

### 12.3 File Use:

The Non-Toll Reconciliation File shall be created by the Home Agency/CSC to inform the Host Agency/CSC as to the disposition of non-toll transactions processed by the Home Agency/CSC which occurred at facilities hosted by the Host Agency/CSC.

### 12.4 File Layout:

Non-Toll Reconciliation File – Header Structure		
Field Name	Type/Size	Description/Valid Values
FILE_TYPE	CHAR(4)	INRX
HOME_AGENCY_ID	CHAR(3)	Standard agency ID code of the Home Agency/CSC (See Appendix A)
HOST_AGENCY_ID	CHAR(3)	Standard agency ID code of the Host Agency/CSC (See Appendix A)
FILE_DATE	CHAR(8)	Date file created. Format: YYYYMMDD
FILE_TIME	CHAR(6)	Time file created. Format: HHMMSS
RECORD_COUNT	CHAR(8)	Count of transactions in the file. Does not include header record. Values: 00000000 – 99999999
INTX_FILE_NUM	CHAR(6)	The INTX file number with which this INRX file is associated. Values: 000001 – 999999.
DELIMITER	CHAR(1)	LF
<b>Header Total</b>	<b>39</b>	

Non-Toll Reconciliation File – Detail Structure		
Field Name	Type/Size	Description/Valid Values
ETC_TRX_SERIAL_NUM	CHAR(12)	The unique key of the transaction assigned by the Away Agency/CSC. Values: 000000000000 – 999999999999
ETC_POST_STATUS	CHAR(4)	The result of the Home Agency's/CSC's attempt to post the transaction.  Values: PSNT - Non-Toll transaction posted successfully.  DECL - Credit card declined. Only used for transactions passed directly through to the credit card.  NOCC - Rejected, attempt was made to post the transaction to an account that is no longer a credit card account. Only used for credit card based accounts.  RJIN - Rejected, the account had insufficient funds to post the transaction. Used for non-credit card based accounts.  RJCX - Rejected, the transaction is an attempt to correct a transaction which has already been corrected.  ACCC - Rejected, account was in a closed status at the time the post was attempted. This code is used regardless of the status of the account at the time of the transaction.  OLD3 - Rejected, old transaction – The difference between the date of the transaction and the date the transaction was received by the Home Agency/CSC exceeded that specified in the Non-Toll Reciprocity Agreement .  RINV - Rejected, the transaction contains invalid data (e.g.,

Non-Toll Reconciliation File – Detail Structure		
Field Name	Type/Size	Description/Valid Values
		invalid agency as defined in Appendix A, invalid plaza as defined in Appendix B, invalid class as defined in Appendix C, etc.).  TAGB – Rejected, tag in bad status (e.g., lost, stolen, etc.) where transaction date/time (ETC_EXIT_DATE/ ETC_EXIT_TIME) is greater than date/time of acknowledgement from that Away Agency/CSC of receipt of full Tag Status File which indicated that the tag was in a Lost/Stolen status.  RJDP - Rejected, duplicate transaction. Usually associated with a skip read or cross lane read where a tagged transaction and license plate transaction exist for the same customer at the same plaza within five (5) minutes. The license plate transaction is rejected as the duplicate.
ETC_POST_PLAN	CHAR(5)	The Away Agency/CSC discount plan used when the transaction was posted. This is only applicable when the Home Agency/CSC offers the Away Agency/CSC discount plans to its customers.  If no discount plan is used, this field shall be blank.
ETC_DEBIT_CREDIT	CHAR(1)	An indicator as to whether the amount reflected in ETC_OWED_AMOUNT is to be applied to the amount owed to the Away Agency or removed from that amount. Values: Plus (+) – Apply to amount owed Space ( ) – Apply to amount owed Minus (-) – Remove from amount owed
ETC_OWED_AMOUNT	CHAR(7)	The amount owed to the Away Agency. For rejected transactions, this would be 0000000.  For correction transactions, this would be the new (corrected) amount from the correction transaction (not the net of the original and corrected amount).  Values: 0000000 (\$00000.00) – 9999999 (\$99999.99)
DELIMITER	CHAR(1)	LF
<b>Record Total</b>	<b>30</b>	

## 12.5 Processing Requirements:

- Each reconciliation file shall be associated with a specific Non-Toll Transaction File and shall include reconciliation information for each and every transaction that was sent in the original Non-Toll Transaction File.
- The ETC\_POST\_STATUS values of ACCC and TAGB should not occur in the normal course of events. However, if the Away Agency/CSC was unable to transmit the latest tag status file to its lanes in a timely fashion, it would be possible for the Host Agency/CSC to generate a normal ETC transaction for a tag that the Home Agency/CSC has indicated is "Invalid" and attempt to collect for such a transaction from the Home Agency/CSC.

It would be in these cases that the Home Agency/CSC would reject a transaction since the transaction should have been treated as a violation in the lane by the Host Agency/CSC and the Home Agency/CSC will not take responsibility for the Host Agency's/CSC's inability to download tag status files in a timely manner.

- Monthly settlement between the agencies shall be based on the dates embedded within the Acknowledgement Files for the corresponding Non-Toll Reconciliation Files and Non-Toll Correction Reconciliation Files. Therefore, settlement for December, 1998, which will occur in January, 1999, will be based on ACK files with FILE\_DATES which match "199812???" (where the ? is a character wildcard). Settlement is based solely on transactions reconciled with ETC\_POST\_STATUS values of 'PSNT'.

Refer to the *Report Specifications* sections (17.0 and on) for a description of the reports required to perform settlement.

4. The INTX\_FILE\_NUM associated with the Non-Toll Transaction File to which this Non-Toll Reconciliation File contains reconciliation data is inserted into the header to assist the Host Agency (the HOST\_AGENCY\_ID) in tracking the status of reconciliation.

Reconciliation does not have to be performed in a sequential manner, therefore, it is possible to receive INTX\_FILE\_NUM values which are not in sequence. However, if the receiving agency detects a duplicate INTX\_FILE\_NUM (implying that a non-Toll Transaction File which has already been reconciled is now being reconciled again), the Acknowledgement File shall contain the appropriate RETURN\_CODE and the current Non-Toll Reconciliation File should not be processed. Such files will not be included in the monthly settlement.

5. If the RECORD\_COUNT in the Non-Toll Reconciliation File header record does not equal the number of transactions in the Non-Toll Transaction File referred to by INTX\_FILE\_NUM or the Non-Toll Reconciliation File contains references to transactions which were not included in the Non-Toll Transaction File referred to by INTX\_FILE\_NUM, the Non-Toll Reconciliation File should not be processed and the associated Acknowledgement File shall contain a RETURN\_CODE of '04'. Such files will not be included in the monthly settlement.
6. Non-Toll Transactions that fail to post to an account and are reconciled with an ETC\_POST\_STATUS of DECL shall cause the associated account to convert from an auto-replenishment account to a cash/check account and/or flag the account as ineligible for non-toll usage and shall cause the generation of a notice to the customer informing them of the decline and the account conversion and encouraging the customer to contact the service center to place a new credit card on the account. The account shall not become eligible again for non-toll usage until a valid credit card is put onto the account.

**13.0 Non-Toll Correction File**

**13.1 File Type:**

Variable length, LF delimited

**13.2 File Name:**

{HOST\_AGENCY\_ID}\_{HOME\_AGENCY\_ID}\_YYYYMMDDHHMMSS.ITXN

Example: 005\_009\_19971201001015.ITXN  
 PANYNJ corrections to DRPA create on 00:10:15 on 12/01/1997

**13.3 File Use:**

The Non-Toll Correction File shall be created by the Host Agency/CSC to replace non-toll transaction information already sent to the Home Agency/CSC with updated/corrected information.

**13.4 File Layout:**

Non-Toll Correction File – Header Structure		
Field Name	Type/Size	Description/Valid Values
FILE_TYPE	CHAR(4)	ITXN
HOST_AGENCY_ID	CHAR(3)	Standard agency ID code of the Host Agency/CSC (See Appendix A)
HOME_AGENCY_ID	CHAR(3)	Standard agency ID code of the Home Agency/CSC (See Appendix A)
FILE_DATE	CHAR(8)	Date file created. Format: YYYYMMDD
FILE_TIME	CHAR(6)	Time file created. Format: HHMMSS
RECORD_COUNT	CHAR(8)	Count of transactions in the file. Does not include header record. Values: 00000000 – 99999999
ITXN_FILE_NUM	CHAR(6)	A unique sequential number used to identify the Non-Toll Correction File to the Home Agency. Values 000001 – 999999.
DELIMITER	CHAR(1)	LF
<b>Header Total</b>	<b>39</b>	

Non-Toll Correction File – Detail Structure		
Field Name	Type/Size	Description/Valid Values
CORR_REASON	CHAR(2)	A code denoting the reason for the correction. Values: 03 - Ignore tagged transaction 04 - Corrected plaza/lane information 05 - Corrected amount 06 - Repost attempt requested
All other fields from the Non-Toll Transaction File	CHAR(112)	All fields from the original transaction (refer to Non-Toll Transaction File structure for details) will be retransmitted with the appropriate fields corrected to their required values.  The only field that must always match the original transaction is the ETC_TRX_SERIAL_NUM since that is the unique key for the transaction.
<b>Record Total</b>	<b>112</b>	

**13.5 Processing Requirements:**

1. The combination of HOST\_AGENCY\_ID, HOME\_AGENCY\_ID and ITXN\_FILE\_NUM forms a unique sequential key which will be used by the receiving agency (the Home Agency) to verify that each Non-Toll Correction File was received without any gaps. As such, the same ITXN\_FILE\_NUM can be received by a Home Agency from multiple Host Agencies since it is the combination of the HOST\_AGENCY\_ID, HOME\_AGENCY\_ID and ITXN\_FILE\_NUM which makes the ITXN\_FILE\_NUM unique.

If the ITXN\_FILE\_NUM of the current Correction File does not equal the prior ITXN\_FILE\_NUM received from that HOST\_AGENCY\_ID plus one (1), the Acknowledgement File shall contain a RETURN\_CODE of '06' to signify that a gap in sequence numbers was found. However, the current Non-Toll Correction File

should still be processed.

If the ITXN\_FILE\_NUM of the current Non-Toll Correction File is equal to the ITXN\_FILE\_NUM of a previous Non-Toll Correction File, the Acknowledgement File shall contain the appropriate RETURN\_CODE and the current Non-Toll Correction File should not be processed.

2. Transactions shall be routed to a Home Agency/CSC based on the data contained in Appendix E, CSC/Agency Cross Reference.
3. All non-toll transactions originating from a single Host Agency shall be included in a single Non-Toll Transaction File and shall not be commingled with transactions from another Host Agency.
4. Removed.
5. The Non-Toll Correction File will be used to correct only non-toll transactions.
6. In the event that a non-toll transaction has been rejected with a code of 'DECL' or 'NOCC', the Away Agency/CSC can request a repost attempt by resending the non-toll transaction in the Non-Toll Correction File with a CORR\_REASON of '06'.
7. Transactions can only be sent in a Correction File once. Subsequent corrections to the same transaction, if required, must be handled manually.

**14.0 Non-Toll Correction Reconciliation File**

**14.1 File Type:**

Variable length, LF delimited

**14.2 File Name:**

{HOME\_AGENCY\_ID}\_{HOST\_AGENCY\_ID}\_YYYYMMDDHHMMSS.IRXN

Example: 009\_005\_19971201041015.IRXN  
 DRPA reconciliation to PANYNJ created on 04:10:15 on 12/01/1997

**14.3 File Use:**

The Non-Toll Correction Reconciliation File shall be created by the Home Agency/CSC to inform the Host Agency/CSC as to the disposition of non-toll correction transactions processed by the Home Agency/CSC which occurred at facilities hosted by the Host Agency/CSC.

**14.4 File Layout:**

Non-Toll Correction Reconciliation File – Header Structure		
Field Name	Type/Size	Description/Valid Values
FILE_TYPE	CHAR(4)	IRXN
HOME_AGENCY_ID	CHAR(3)	Standard agency ID code of the Home Agency/CSC (See Appendix A)
HOST_AGENCY_ID	CHAR(3)	Standard agency ID code of the Host Agency/CSC (See Appendix A)
FILE_DATE	CHAR(8)	Date file created. Format: YYYYMMDD
FILE_TIME	CHAR(6)	Time file created. Format: HHMMSS
RECORD_COUNT	CHAR(8)	Count of transactions in the file. Does not include header record. Values: 00000000 – 99999999
ITXN_FILE_NUM	CHAR(6)	The file number of the ITXN file to which this IRXN file is associated. Values: 000001 – 999999.
DELIMITER	CHAR(1)	LF
<b>Header Total</b>	<b>39</b>	

Non-Toll Correction Reconciliation File – Detail Structure		
Field Name	Type/Size	Description/Valid Values
Same fields as the Non-Toll Transaction Reconciliation File	CHAR(30)	Same as the Non-Toll Transaction Reconciliation File.

**14.5 Processing Requirements:**

1. Each reconciliation file shall be associated with a specific Non-Toll Correction File (as indicated by the ITXN\_FILE\_NUM field in the Header record) and shall include reconciliation information for each and every transaction that was sent in the original Non-Toll Correction File.
2. Monthly settlement between the agencies shall be based on the dates embedded within the Acknowledgement Files for the corresponding Non-Toll Reconciliation Files and Non-Toll Correction Reconciliation Files. Therefore, settlement for December, 1998, which will occur in January, 1999, will be based on ACK files with FILE\_DATEs which match “199812??” (where the ? is a character wildcard). Settlement is based solely on transactions reconciled with ETC\_POST\_STATUS values of ‘PSNT’.
3. The ITXN\_FILE\_NUM associated with the Non-Toll Correction File to which this Non-Toll Correction Reconciliation File contains reconciliation data is inserted into the header to assist the Away Agency in tracking the status of reconciliation.

Reconciliation does not have to be performed in a sequential manner, therefore, it is possible to receive ITXN\_FILE\_NUMs which are not in sequence. However, if the receiving agency detects a duplicate ITXN\_FILE\_NUM (implying that a Non-Toll Correction File which has already been reconciled is now being reconciled again), the Acknowledgement File shall contain the appropriate RETURN\_CODE and the

current Non-Toll Correction Reconciliation File should not be processed. Such files will not be included in the monthly settlement.

4. If the RECORD\_COUNT in the Non-Toll Correction Reconciliation File header record does not equal the number of transactions in the Non-Toll Correction File referred to by ITXN\_FILE\_NUM or the Non-Toll Correction Reconciliation File contains references to transactions which were not included in the Non-Toll Correction File referred to by ITXN\_FILE\_NUM, the Non-Toll Correction Reconciliation File should not be processed and the associated Acknowledgement File shall contain a RETURN\_CODE of '04'. Such files will not be included in the monthly settlement.
5. If the reconciliation is for a correction transaction with a CORR\_REASON of 03 (ignore), then the ETC\_POST\_PLAN will be blank and the ETC\_OWED\_AMOUNT will be zero (0).

**15.0 Acknowledgement File**

**15.1 File Type:**

Fixed length, LF delimited

**15.2 File Name:**

{FROM\_AGENCY\_ID}\_{FILE\_NAME}\_{FILE\_TYPE}.ACK

Example: 004\_005\_19971201041015\_ITAG.ACK  
 Acknowledgement file from NYSTA in response to the PANYNJ tag status file created on 04:10:15 on 12/01/1997

**15.3 File Use:**

The Acknowledgment File shall be created by the From Agency/CSC (the Agency/CSC which received the file) to inform the To Agency/CSC (the Agency/CSC which sent the original file) that the file transmitted was received in its entirety. An Acknowledgement File shall be sent for each of the previously referenced files.

**15.4 File Layout:**

Acknowledgment File - Detail Structure		
Field Name	Type/Size	Description/Valid Values
FILE_TYPE	CHAR(4)	ACK
FROM_AGENCY_ID	CHAR(3)	Standard agency ID code of the Agency/CSC which received the file referenced in ORIG_FILE_NAME_TYPE.
TO_AGENCY_ID	CHAR(3)	Standard agency ID code of the Away Agency/CSC which sent the file referenced in ORIG_FILE_NAME_TYPE.
ORIG_FILE_NAME_TYPE	CHAR(50)	The name and type of the file being acknowledged as received from the To Agency. Format: FILE_NAME.FILE_TYPE where FILE_NAME is the name of the file being acknowledged and FILE_TYPE is the type of the file being acknowledged.
FILE_DATE	CHAR(8)	Date ACK file created. Format: YYYYMMDD This is to be used by the To Agency/CSC as the acknowledgement date.
FILE_TIME	CHAR(6)	Time ACK file created. Format: HHMMSS This is to be used by the To Agency/CSC as the acknowledgement time.
RETURN_CODE	CHAR(2)	A code indicating the status of the file being acknowledged. Values: 00 – File was successfully received and verified. 01 – Header record count does not match the number of detail records found in the file. 02 – Detail record(s) found with invalid data. 03 – Update file date/time does not match full file date/time. 04 – Transaction Reconciliation File (or Correction Reconciliation File) does not match corresponding Transaction File (or Correction File). 05 – Duplicate file sequence number. 06 – Gap in sequence number. 07 – Invalid ZIP file or other file structure defect  Refer to Appendix G for the processing rules associated with the various RETURN_CODE values.
DELIMITER	CHAR(1)	LF
<b>Detail Total</b>	<b>77</b>	

**15.5 Processing Requirements:**

1. This file shall contain a single record only. For each file received by the From Agency/CSC, the From Agency/CSC shall generate an Acknowledgement File and transmit the file back to the To Agency/CSC.
2. The FILE\_DATE and FILE\_TIME fields shall be used by the To Agency/CSC as the acknowledgement date/time of the transmitted file. The To Agency/CSC shall be able to support an optional 'grace period'

(for each From Agency/CSC) which the To Agency/CSC shall add to the FILE\_DATE and FILE\_TIME to use as the acknowledgement date/time.

3. The From Agency/CSC should generate a report showing any detail records that were skipped due to invalid data (RETURN\_CODE = '02') and should have this report available for the To Agency/CSC if needed.
4. Refer to Appendix G for the various processing rules related to each RETURN\_CODE value.

## 16.0 Transmission Methodology

1. The files shall be transmitted to all Away Agencies/CSCs on a nightly basis (except for the Tag Status Update File which shall be transmitted on an as needed basis but not more frequently than hourly).
2. Removed.
3. Removed.
4. Transmission shall be via FTP.
5. Upon completion of each file's transmission, the sending Agency/CSC shall transmit a 'check' file whose name shall be comprised of the name and file type of the file to which it is associated but with a file extension of 'CHECK' (e.g., {FILE\_NAME}\_{FILE\_TYPE}.CHECK). The receiving Agency/CSC shall wait until it detects the presence of the 'check' file to begin processing the associated data file. For example, after the Customer License Plate File 008\_19971201041015.ICLP is transmitted, the sending Agency/CSC shall transmit a 'check' file of 008\_19971201041015\_ICLP.CHECK. The 'check' file shall contain a single 80 character record whose contents shall be the name and extension of the file for which the 'check' file is associated.

This will eliminate the situation where a receiving Agency/CSC begins processing a file before its transmission was complete.

6. Removed.
7. Removed.
8. Removed.
9. Removed.
10. For additional information related to the transmission of the ITAG file refer to the spreadsheet entitled *ITAG Processing Information – YYYY-MM-DD.xls* where YYYY-MM-DD represents the update date of the document.

## 17.0 IAG-1: Inter-CSC Settlement Report

**Use of Report:** Indicates the actual amount of funds wire transferred from the Home agency to the Away agency at the end of the settlement period.

**Generated By:** Home Agency

**Frequency:** One report per settlement period.

**Related to:** IAG-2 through IAG-6. Each of these reports ties to one of the line items on IAG-1.

**Data Set:** Reports IAG-2 through IAG-6.

**Description:**

Inter-CSC Settlement Report  
 Wire Transfer for  
 Settlement Period: 01/01/1999 to 01/31/1999

Report Date: 02/05/1999 15:32  
 Generated by Home Agency: Regional Consortium  
 Payments from Home Agency: Regional Consortium due to Away Agency: NYS Thruway Authority

<u>Wire Date</u>	<u>Amount</u>	<u>Payment Type*</u>
02/05/1999	\$ 35,656.10	Toll Transactions (from IAG-2)
	\$ 165.00	Toll Corrections (from IAG-3)
	\$ 159.00	Discount Plan Revenue (from IAG-4)
	\$ 400.00	Permit Plans (from IAG-5)
	\$ (25.70)	Disputed tolls and adjustments (from IAG-6)
	-----	
Settlement Total	\$ 36,354.40	

\* Additional line items, with supporting reports, are expected to be added to this report as Agencies develop other programs and fees.

## 18.0 IAG-2: Inter-CSC Toll Transaction Reconciliation Report

**Use of Report:** Indicates the amount of funds due to the Away agency due to toll transactions.

**Generated By:** Home Agency

**Frequency:** One report per settlement period.

**Related to:** Toll Transactions line item on IAG-1. The total amount paid and matching IAG-1 equals the total of amounts in POST, NPST and PPST. The amounts in Rejects are not included.

**Data Set:** Transaction reconciliation files that were acknowledged by the Away agency in the settlement period. There are no restrictions regarding when reconciliation files are produced; i.e. several could be produced in one day for transaction files received previously. Only those reconciliation files acknowledged in the settlement period will appear in this report.

**Description:** The columns in this report are related to the fields in the Transaction Reconciliation File (defined in the IAG inter CSC file spec.) as follows:

ICRX\_FILE - The file name of the Reconciliation file to be included in the settlement period.

ACK DATE - This is the Date field from the Acknowledgement file. All dates must be in the settlement period.

POST & AMT – These fields contain the count and dollar amount respectively of those transactions in the reconciliation file with a resolution code of POST.

NPST & AMT – These fields contain the count and dollar amount respectively of those transactions in the reconciliation file with a resolution code of NPST.

PPST & AMT – These fields contain the count and dollar amount respectively of those transactions in the reconciliation file with a resolution code of PPST

TOT & AMT – These fields contain the sum of the count and dollar amount respectively of the previous fields (to the left).

TOTAL REJECT & AMT – These fields contain the count and dollar amount respectively of those transactions in the reconciliation file with resolution codes of INSU, NPST, RINV, TAGB, ACCB, RJDP, OLD1, OLD2 and RJPL . These codes represent rejected transactions which are further detailed in the Rejected Transactions Report (IAG-7).

Inter-CSC Toll Transaction Reconciliation Report  
 ICRX Files Acknowledged in:  
 Settlement Period: 01/01/1999 to 01/31/1999

Report Date: 02/05/1999 15:32

Generated by Home Agency: Regional Consortium

Toll payments from Home Agency: Regional Consortium due to Away Agency: NYS Thruway Authority

ICRX_FILE	ACK Date	POST	AMT	NPST	AMT	PPST	AMT	TOT	AMT	TOTAL REJECT	AMT
022_004_19990102010901.ICRX	1/3/99	231	1,086.00	0	0.00	0	0.00	231	1,086.00	0	0.00
022_004_19990105012448.ICRX	1/7/99	156	557.20	0	0.00	0	0.00	156	557.20	0	0.00
022_004_19990106011057.ICRX	1/8/99	175	662.30	0	0.00	0	0.00	175	662.30	0	0.00
022_004_19990106011458.ICRX	1/8/99	107	425.80	0	0.00	0	0.00	107	425.80	0	0.00
022_004_19990107022140.ICRX	1/9/99	159	1,014.40	0	0.00	0	0.00	159	1,014.40	0	0.00
022_004_19990107215531.ICRX	1/9/99	155	957.30	0	0.00	0	0.00	155	957.30	0	0.00
022_004_19990109022225.ICRX	1/11/99	122	839.70	0	0.00	0	0.00	122	839.70	0	0.00
022_004_19990110051614.ICRX	1/12/99	108	847.10	0	0.00	0	0.00	108	847.10	0	0.00
022_004_19990110052141.ICRX	1/12/99	133	668.80	0	0.00	0	0.00	133	668.80	0	0.00
022_004_19990110220253.ICRX	1/12/99	156	1,008.30	0	0.00	0	0.00	156	1,008.30	0	0.00
022_004_19990111215735.ICRX	1/13/99	241	1,022.70	0	0.00	0	0.00	241	1,022.70	0	0.00
022_004_19990112215445.ICRX	1/14/99	182	843.20	0	0.00	0	0.00	182	843.20	0	0.00
022_004_19990114215618.ICRX	1/16/99	6	21.60	0	0.00	0	0.00	6	21.60	0	0.00
022_004_19990114215902.ICRX	1/16/99	212	1,506.70	0	0.00	0	0.00	212	1,506.70	0	0.00
022_004_19990114220222.ICRX	1/16/99	165	887.20	0	0.00	0	0.00	165	887.20	0	0.00
022_004_19990115220013.ICRX	1/17/99	234	1,509.30	0	0.00	0	0.00	234	1,509.30	0	0.00
022_004_19990116215041.ICRX	1/18/99	155	1,088.80	0	0.00	0	0.00	155	1,088.80	0	0.00
022_004_19990118215434.ICRX	1/20/99	283	1,595.30	0	0.00	0	0.00	283	1,595.30	0	0.00
022_004_19990120214231.ICRX	1/22/99	285	1,057.50	0	0.00	0	0.00	285	1,057.50	2	6.00
022_004_19990123031220.ICRX	1/25/99	927	5,277.50	0	0.00	0	0.00	927	5,277.50	1	3.00
022_004_19990123215019.ICRX	1/25/99	226	1,416.20	0	0.00	0	0.00	226	1,416.20	3	24.00
022_004_19990124215314.ICRX	1/26/99	290	1,692.50	0	0.00	0	0.00	290	1,692.50	0	0.00
022_004_19990125215216.ICRX	1/27/99	305	1,273.40	0	0.00	0	0.00	305	1,273.40	1	0.00
022_004_19990128015547.ICRX	1/30/99	230	1,417.90	51	153.00	0	0.00	281	1,570.90	0	0.00
022_004_19990129215839.ICRX	1/31/99	269	1,741.80	0	0.00	0	0.00	269	1,741.80	0	0.00
022_004_19990129220005.ICRX	1/31/99	229	1,507.60	0	0.00	0	0.00	229	1,507.60	0	0.00
022_004_19990130215427.ICRX	1/31/99	258	1,756.30	0	0.00	0	0.00	258	1,756.30	0	0.00
022_004_19990131215514.ICRX	1/31/99	301	1,820.70	0	0.00	0	0.00	301	1,820.70	0	0.00
Settlement Total		6300	35,503.10	51	153.00	0	0.00	6351	35,656.10	7	33.00

## 19.0 IAG-3: Inter-CSC Toll Correction Reconciliation Report

**Use of Report:** Indicates the amount of funds due to the Away agency because of toll transaction corrections.

**Generated By:** Home Agency

**Frequency:** One report per settlement period.

**Related to:** Toll Corrections line item on IAG-1.

**Data Set:** Transaction correction reconciliation files that were acknowledged by the Away agency in the settlement period.

**Description:** The 'ORG' column represents the original amount of the transaction that was reconciled previously. The 'NEW' column represents the corrected amount. The amount due and balancing to IAG-1 is the difference, shown in the 'NET' column. The "Total Count" column represents the number of transactions in the corresponding Correction Reconciliation file including rejects. The amount reflected in the Settlement Report (IAG-1) is the Total NET amount.

Inter-CSC Toll Correction Reconciliation Report  
 IRXC Files Acknowledged in  
 Settlement Period: 01/01/1999 to 01/31/1999

Report Date: 02/05/1999 15:32

Generated by Home Agency: Regional Consortium

Toll correction payments from Home Agency: Regional Consortium due to Away Agency: NYS Thruway Authority

	Ack Date	Total Count	POST			NPST			PPST			Total NET	Total Reject	Reject AMT	
			ORG	NEW	NET	ORG	NEW	NET	ORG	NEW	NET				
<b>IRXC_FILE</b>															
022_004_19990102010901.IRXC	01/02/1999	5	24.00	35.00	11.00	0.00	0.00	0.00	3.00	0.00	(3.00)	8.00	0	0.00	
022_004_19990105012448.IRXC	01/05/1999	4	10.00	8.00	(2.00)	0.00	5.00	5.00	0.00	4.00	4.00	7.00	1	3.00	
022_004_19990106011057.IRXC	01/06/1999	100	825.00	975.00	150.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00	0	0.00	
Settlement Total												165.00			

## 20.0 IAG-4: Inter-CSC Discount Plan Revenue Report

**Use of Report:** The Settlement Total indicates the amount of funds due to the Away agency because of unused commuter trips or other discount plan revenue.

**Generated By:** Home Agency

**Frequency:** One report per settlement period.

**Related to:** Discount Plan Revenue line item on IAG-1.

**Data Set:** This report indicates all unused trips and other fees calculated for discount programs in the settlement period. There are no supporting files transferred for this report.

**Description:**

Inter-CSC Discount Plan Revenue Report  
 Unused Trips or Expirations in  
 Settlement Period: 01/01/1999 to 01/31/1999

Report Date: 02/05/1999 15:32  
 Generated by Home Agency: Regional Consortium  
 Plan payments from Home Agency: Regional Consortium due to Away Agency: NYS Thruway Authority

Plan End Date	Plan	Count of Plans	No. Trips Taken	No. Trips Expired	Unused Trip Amount
<b>01/01/1999</b>	TZC	2	26	8	\$ 8.00
	TZPL	3	25	26	\$ 13.00
Total (Date)					\$ 21.00
<b>01/02/1999</b>	TZC	4	62	14	\$ 14.00
	TZPL	1	12	5	\$ 5.00
Total (Date)					\$ 19.00
•					
•					
•					
-----					
Settlement Total (reporting period)					\$ 159.00

Legend:

TZC – Tappan Zee Commuter Plan (rate \$1.00)

TZPL – Tappan Zee Car Pool Plan (rate \$ .50)

## 21.0 IAG-5: Inter-CSC Permit Plan Fees Report

**Use of Report:** The Settlement Total indicates the amount of funds due to the Away agency because of sales of, or credits to, Away agency permit plans during the settlement period.

**Generated By:** Home Agency

**Frequency:** One report per settlement period.

**Related to:** Permit Plans line item on IAG-1.

**Data Set:** This report indicates all permit plan sales or credits during the settlement period. There are no supporting files transferred for this report.

**Description:**

Inter-CSC Permit Plan Fees Report  
 Permit Plans Added or Refunded in:  
 Settlement Period: 01/01/1999 to 01/31/1999

Report Date: 02/05/1999 15:32  
 Generated by Home Agency: Regional Consortium  
 Fee payments from Home Agency: Regional Consortium due to Away Agency: NYS Thruway Authority

Transaction Date	Plan Type	# Sold	\$ Sold	# Refunded	\$ Refunded	Net #	Net \$
01/01/1999	Annual Permit	4	\$ 320	(1)	\$(80)	3	\$240.00
01/02/1999	Annual Permit	2	\$ 160	0	0	2	\$160.00
.							
.							
.							
Settlement Total		6	\$ 480	(1)	\$(80)	5	\$400.00

Note: This report currently applies only to the Regional Consortium which offers the NYSTA permit plan. Any other direct revenue collected by one agency on behalf of another toll authority in the future will require a similar report.

## 22.0 IAG-6: Inter-CSC Disputed Toll & Adjustments Report

**Use of Report:** The Settlement Total indicates the amount of funds due to, or withheld from, the Away agency due to disputed tolls previously paid to the Away agency and subsequently credited to the customer's account. This report should reflect only those transactions which both the Home and Away agencies have agreed to change.

See Appendix H for details on the dispute policy.

**Generated By:** Home Agency

**Frequency:** One report per settlement period.

**Related to:** Disputed tolls and adjustments line item on IAG-1.

**Data Set:** This report indicates adjustments during the settlement period. There are no supporting files transferred for this report.

**Description:**

Inter-CSC Disputed Toll & Adjustments Report  
 Adjustments Posted in:  
 Settlement Period: 01/01/1999 to 01/31/1999

Report Date: 02/05/1999 15:32  
 Generated by Home Agency: Regional Consortium  
 Adjustment payments from Home Agency: Regional Consortium due to (deducted from) Away Agency: NYS Thruway Authority

----- Original Transaction -----							Adj.	Reason	Adj. Amount
Entry Plaza	Entry Lane	Exit Plaza	Exit Lane	Class	Serial Num	Date/Time	Date		
17	01	19	01	5	123456789	08/21/1998 08:22:18	01/09/1999	DISPUTED TOLL, WAS OUT OF COUNTRY	\$( 5.70)
23	02	19	02	3	123457344	08/21/1998 08:22:18	01/03/1999	DISPUTED TOLL, OTHER REASON	\$( 2.00)
Exit Plaza Subtotal									
40	03	43	02	2	123457777	08/27/1998 09:45:26	01/05/1999	REDUCED TOLL, APPLIED INCORRECT DISCOUNT	\$( 2.00)
39	04	43	02	4	123457892	08/21/1998 08:22:18	01/07/1999	DISPUTED TOLL, REPORTED TAG LOST	\$( 1.60)
Plaza Subtotal									
		92	01	3	123456890	08/21/1998 08:22:18	01/03/1999	DISPUTED TOLL, VARIOUS REASONS	\$( 4.50)
		92	01	4	123457888	08/27/1998 09:45:26	01/06/1999	INCREASED TOLL, HONEST CUSTOMER	\$ 3.00
		92	01	5	123457913	08/21/1998 08:22:18	01/20/1999	DISPUTED TOLL, VARIOUS REASONS	\$( 3.70)
		92	01	6	123457945	08/27/1998 09:45:26	01/23/1999	REDUCED TOLL, VARIOUS REASONS	\$( 3.20)
		92	01	7	123457999	08/27/1998 09:45:26	01/24/1999	REDUCED TOLL, VARIOUS REASONS	\$( 6.00)
Exit Plaza Subtotal									
•									
•									
•									
Settlement Total									\$( 25.70)

## 23.0 IAG-7: Inter-CSC Rejected Transactions Report

**Use of Report:** Indicates the amount of funds that will not be paid to the Away agency due to transactions that were rejected by the Home agency

**Generated By:** Home Agency

**Frequency:** One report per settlement period.

**Related to:** The total dollar amount of rejected transactions ties to that shown on IAG-1 and IAG-2. The subtotals for each rec file number equals the reject amount for that file shown in IAG-2.

**Data Set:** This report details all rejected transactions as indicated on IAG-1.

**Description:**

Inter-CSC Rejected Transactions Report  
 For ICRX Files Acknowledged in:  
 Settlement Period: 01/01/1999 to 01/31/1999

Report Date: 02/05/1999 15:32  
 Generated by Home Agency: Regional Consortium  
 Transactions rejected by Home Agency: Regional Consortium  
 Transactions received from Away Agency: NYS Thruway Authority

Acknowledge Date	Rec File #	Transaction #	Tag #*	Account #	Toll Date	Toll Time	Entry Plaza	Entry Lane	Exit Plaza	Exit Lane	Amt	Reject Code	
01/22/99	022_004_19990120214231	ICRX											
		12345678	0229876543	8888888	01/19/99	08:39:56	42	01	44	03	2.50	RINV	
		12437765	0222323456	9999999	01/20/99	14:22:34	32	02	21	04	3.50	INSU	
	Subtotal											6.00	
01/25/99	022_004_19990123031220	ICRX											
		12345987	022456789	7979797	01/23/99	10:37:45	19	03	23	01	3.00	TAGB	
	Subtotal											3.00	
01/25/99	022_004_19990123215019	ICRX											
		12346543	0229874321	3434343	01/24/99	09:40:57	33	01	18	03	6.50	RINV	
		12346457	0222323457	9999999	01/24/99	16:03:32	17	02	21	04	7.50	INSU	
		12346980	0224567894	7333343	01/24/99	11:27:43	31	03	29	01	10.00	TAGB	
	Subtotal											24.00	
01/26/99	022_004_19990125215216	ICRX											
		12347123	022567832	4323454	01/25/99	01:01:31	19	02	21	02	0.00	RJDP	
	Subtotal											0.00	
Total											\$ 33.00		

\* Note that the tag number, account number, Entry, Plaza, Entry Lane, Exit Plaza, Exit Lane and Amount may not contain valid or complete data due to the fact that these are rejected transaction and the reason for rejection may be invalid data in one of these fields.

Reject Codes (see IAG file spec) are:

RINV TAGB RJDP OLD2  
 INSU ACCB OLD1

## 24.0 IAG-8: Inter-CSC Rejected Corrections Report

**Use of Report:** Indicates transaction corrections that were not accepted by the Home agency and the amount of funds represented by those transactions.

**Generated By:** Home Agency

**Frequency:** One report per settlement period.

**Related to:** The total dollar amount of rejected corrections ties to that shown on IAG-3.

**Data Set:** This report details all rejected transactions as indicated on IAG-3.

**Description:**

Inter-CSC Rejected Corrections Report  
 For IRXC Files Acknowledged in:  
 Settlement Period: 01/01/1999 to 01/31/1999

Report Date: 02/05/1999 15:32  
 Generated by Home Agency: Regional Consortium  
 Transaction corrections rejected by Home Agency: Regional Consortium  
 Transaction corrections received from Away Agency: NYS Thruway Authority

Ack Date	Rec File #	Transaction #	Tag #*	Account #	Toll Date	Toll Time	Entry Plaza	Entry Lane	Exit Plaza	Exit Lane	\$ Amount	Reject Code
01/05/99		022_004_19990105012448.IRXC 12345444	0229873434	8768763	12/30/98	08:39:56	42	01	44	03	3.00	RINV
Total											\$ 3.00	

- Note that the tag number, account number, Entry, Plaza, Entry Lane, Exit Plaza, Exit Lane and Amount may not contain valid or complete data due to the fact that these are rejected transaction and the reason for rejection may be invalid data in one of these fields.

Reject Codes (see IAG file spec) are:

RINV TAGB RJDP OLD2  
 INSU ACCB OLD1

## 25.0 IAG-9: Inter-CSC Reconciliation Aging Report

**Use of Report:** Indicates transaction and transaction correction files sent to the Home agency that have not been reconciled. Away agency is to contact the Home agency for action based on the age and number of unreconciled files.

**Generated By:** Away Agency

**Frequency:** This report is generated weekly.

**Related to:** None.

**Data Set:** Represents complete transactions files which have been sent to the Home agency.

**Description:**

Inter-CSC Reconciliation Aging Report  
 Unreconciled Transaction/Correction Files as of: 2/29/1999

Report Date: 02/29/1999 15:32  
 Generated by Away Agency: NYSTA  
 Transaction files sent from Away Agency: NYSTA  
 Awaiting reconciliation files from Home Agency: Regional Consortium

	<b>Days</b>		<b>5 - 10</b>		<b>11 - 15</b>		<b>Over 15</b>
File Name	File #	Count	\$ Amt	Count	\$ Amt	Count	\$ Amt
004_022_19990223010901.ICTX	004567	15,876	30,867.00				
004_022_19990224010901.ICTX	004568	18,555	27,453.00				
004_022_19990217012001.ICTX	004559			13,234	21,333.00		
004_022_19990102013001.ICTX	004502					14,678	24,543.00
Totals		34,431	58,320.00	13,234	13,234.00	14,678	21,333.00

## 26.0 IAG-10: Inter-CSC Discount Plan Analysis Report

**Use of Report:** Informational report indicating to the Away agency the approximate number of their discount plans supported by a Home agency.

**Generated By:** Home Agency

**Frequency:** This report is generated monthly.

**Related to:** None.

**Data Set:** Represents all Away agency discount plans held by the Home agency.

**Description:**

Inter-CSC Discount Plan Analysis Report  
 For Month of:  
 January 1999

Report Date: 02/05/1999 15:32  
 Generated by Home Agency: Regional Consortium  
 Discount Plans offered by Home Agency: Regional Consortium  
 Discount Plans applying to facilities of Away Agency: NYSTA

---

Plan Type	Beginning Number	Monthly Additions	Monthly Deletions	Ending Balance
TZC	100	25	5	120
TZPL	200	50	10	240
TOTAL	300	75	15	360

## 27.0 IAG-11A: Casual Use By Reconciliation File Range Report

**Use of Report:** Internal use by Home agency to break down reconciled transactions by posting date and plaza.

**Generated By:** Home Agency

**Frequency:** This report is generated as required.

**Related to:** IAG-2 Posted column. The total amount indicated in this report should equal the total POSTED amount indicated in IAG-2 (Inter-CSC Toll Transaction Reconciliation Report). This amount, when added to the NPST total from report IAG-12 (NPST Report) should equal the Toll Transactions amount in IAG-1 (Inter-CSC Settlement Report).

**Data Set:** Represents reconciled transactions which have been posted to customer accounts.

**Description:**

Casual Use by Reconciliation File Range Report  
 For Reconciliation Files acknowledged from:  
 01/01/1999 to 01/31/1999

Report Date: 02/05/1999 15:32  
 Generated by Home Agency: Regional Consortium  
 Transactions posted by Home Agency: Regional Consortium  
 Transactions occurring at facilities of Away Agency: NYS Thruway Authority

Posting Date	Plaza ID	Plaza Name	Rec File	Toll Transaction Count	Toll \$ Amount
12/31/1999	06	YONKERS TOLL			
			022_004_19990102010901.ICRX	34	78.60
			022_004_19990105012448.ICRX	21	56.40
		Plaza Subtotal		55	135.00
	08	HARRIMAN			
			022_004_19990102010901.ICRX	08	33.00
			022_004_19990105012448.ICRX	12	39.20
		Plaza Subtotal		20	72.20
		•			
		•			
		Posting Date Subtotal			207.20
01/01/1999	06	YONKERS TOLL			
			022_004_19990106011057.ICRX	23	16.00
		Plaza Subtotal		23	16.00
	08	HARRIMAN			
			022_004_19990106011057.ICRX	18	24.30
			022_004_19990106011458.ICRX	13	18.20
		Plaza Subtotal		31	42.50
		•			
		•			
		Posting Date Subtotal			58.50
		•			
		•			
		Agency Total		6300	35,503.10

## 28.0 IAG-11B: Casual Use By Posting Date Range Report

**Use of Report:** Internal use by Home agency to break down reconciled transactions by posting date and plaza.

**Generated By:** Home Agency

**Frequency:** This report is generated as required.

**Related to:** Postings to customer accounts. This report is organized by posting regardless of transaction date or reconciliation file number. Therefore it will not tie directly to reports based on reconciliation files. The report should tie to other internal financial reports which reflect changes in pre-paid balance for the same posting period.

**Data Set:** Represents reconciled transactions which have been posted to customer accounts.

**Description:**

Casual Use by Posting Date Range Report  
 Tolls Posted from:  
 01/01/1999 to 01/31/1999

Report Date: 02/05/1999 15:32  
 Generated by Home Agency: Regional Consortium  
 Transactions posted by Home Agency: Regional Consortium  
 Transactions occurring at facilities of Away Agency: NYS Thruway Authority

Plaza ID	Plaza Name	Toll Date	Toll Transaction Count	Toll \$ Amount
06	YONKERS TOLL	12/15/1998	03	1.20
		12/17/1998	11	4.60
		12/31/1998	36	24.80
		01/01/1999	42	31.10
		01/02/1999	55	36.00
		01/03/1999	18	15.25
			•	
	•			
	•			
Plaza Subtotal			315	628.70
08	HARRIMAN	12/28/1998	23	1.20
		12/29/1998	42	4.60
		12/31/1998	13	24.80
		01/01/1999	64	31.10
		01/02/1999	32	36.00
		01/03/1999	70	15.25
			•	
	•			
	•			
Plaza Subtotal			568	1,234.60
	•			
	•			
	•			
Agency Total			5900	31,224.25

\* A second, agency specific, form of this report breaks out the toll and amount by away agency class. The exact form is determined by the agency requesting the report.

## 29.0 IAG-12: NPST Report

**Use of Report:** Internal use by Home agency to break down reconciled transactions which were not posted (NPST) but will be paid to the Away agency.

**Generated By:** Home Agency

**Frequency:** This report is generated as required.

**Related to:** IAG-2 NPST column. The total amount indicated in this reports should equal the amount shown in the NPST column of report IAG-2 (Inter-CSC Toll Transaction Reconciliation Report). The total of this number and that from report 11A (Casual Use by Reconciliation File Range Report) should equal the Toll Transactions amount in IAG-1 (Inter-CSC Settlement Report).

**Data Set:** Represents reconciled transactions which will be paid to the Away agency but will not be posted to customer accounts.

**Description:** Occasionally a transaction from an Away agency may be received by the Home agency after the account was closed. If the Home agency had indicated that the tag was valid, the Home agency is obligated to pay for the transaction regardless of the account status. These transactions are reconciled as NPST transactions. The Total is the amount paid to the Away agency.

NPST Report  
 For Reconciliation Files acknowledged from:  
 01/01/1999 to 01/31/1999

Report Date: 02/05/1999 15:32  
 Generated by Home Agency: Regional Consortium  
 Transactions paid but not posted by Home Agency: Regional Consortium  
 Transactions occurring at facilities of Away Agency: NYS Thruway Authority

Ack Date	Rec File	Transaction Number	NPST Code*	Tag #	Account #	Toll Date	Entry Plaza	Entry Lane	Exit Plaza	Exit Lane	\$ Amt	IAG Code	Count
01/30/99022_004_19990128015547.ICRX													
		12345678	xxx	0229876543	8888888	01/29/99	43	03	33	01	3.70	72	
		12435672	xxx	0222323456	9999999	02/29/99	45	01	21	02	4.20	72	
		•											
		•											
		•											
		Rec File Subtotal									153.00		51
Total											153.00		51

- NPST codes (reason for non postable transactions) are to be developed

### 30.0 IAG-13 A,B,C,D: Local Use Reports

**Use of Report:** The various forms of this report are used to by the Away agency to reconcile transactions on their facilities, by Customers of another agency, to particular days or reconciliation files.

**Generated By:** Away Agency

**Frequency:** This report is generated as required.

**Related to:** IAG-2 (form A & B). The total toll amount in IAG-13A or IAG-13B should equal the amount shown in the Posted plus NPST columns of the IAG-2 report received by the Away agency. This is the same amount as the Toll Transactions shown on IAG-1 received by the Away agency.

Reports IAG-13C and IAG-13D are run by collection date and are used to reconcile the agency host to transactions occurring on a particular day or date range. These reports will not necessarily tie to payments due.

**Data Set:** Represents all transactions which occurred on Away facilities including those that were rejected.

**Description:**

Inter-CSC Local Use by Rec File Report  
 For Reconciliation Files acknowledged from:  
 01/01/1999 to 01/31/1999

Report Date: 02/05/1999 15:32  
 Generated by Away Agency: NYSTA  
 Transactions reconciled by Home Agency: Regional Consortium  
 Transactions occurring at facilities of Away Agency: NYSTA

PLAZA	Trans Date	CLASS																		Total		
		01		02		03		04		05		06		07		08		09		Cnt	Amt	
		Cnt	Amt	Cnt	Amt	Cnt	Amt	Cnt	Amt	Cnt	Amt	Cnt	Amt	Cnt	Amt	Cnt	Amt	Cnt	Amt	Cnt	Amt	
06	YONKERS TOLL																					
	12/31/98																					
	01/01/99																					
	01/02/99																					
	•																					
	•																					
	Plaza Subtotal																					
08	HARRIMAN																					
	12/30/98																					
	12/31/98																					
	01/01/99																					
	01/02/99																					
	•																					
	•																					
	Plaza Subtotal																					
	Grand total																				6362	35,656.10

\* Includes Non Postables (NPST) and rejects

Inter-CSC Detailed Local Use by Rec File Report  
 For Reconciliation Files acknowledged from:  
 01/01/1999 to 01/31/1999

Report Date: 02/05/1999 15:32  
 Generated by Away Agency: NYSTA  
 Transactions reconciled by Home Agency: Regional Consortium  
 Transactions occurring at facilities of Away Agency: NYSTA

PLAZA	Trans Date	Plan*	CLASS																Total			
			01		02		03		04		05		06		07		08		09		Cnt	Amt
			Cnt	Amt	Cnt	Amt	Cnt	Amt	Cnt	Amt	Cnt	Amt	Cnt	Amt	Cnt	Amt	Cnt	Amt	Cnt	Amt	Cnt	Amt
07	YONKERS TOLL																					
	12/31/98																					
		TZC																				
		TZPL																				
		•																				
		•																				
		Reject																				
	Day subtotal																					
	01/01/99																					
		TZC																				
		TZPL																				
		•																				
		•																				
		Reject																				
	Day subtotal																					
	•																					
	•																					
	•																					
	Plaza Subtotal																					
08	HARRIMAN																					
	•																					
	•																					
	•																					
	Plaza Subtotal																					
	•																					
	•																					
	•																					
	Grand total																				6362	35,656.10

• Includes Non-Postables (NPST)

Inter-CSC Local Use by Collection Date Report  
 For all Reconciled Tolls Collected from:  
 01/01/1999 to 01/31/1999

Report Date: 02/05/1999 15:32  
 Generated by Away Agency: NYSTA  
 Transactions reconciled by Home Agency: Regional Consortium  
 Transactions occurring at facilities of Away Agency: NYSTA

PLAZA	Trans Date	CLASS																		Total	
		01		02		03		04		05		06		07		08		09		Cnt	Amt
		Cnt	Amt	Cnt	Amt	Cnt	Amt	Cnt	Amt	Cnt	Amt	Cnt	Amt	Cnt	Amt	Cnt	Amt	Cnt	Amt	Cnt	Amt
08	YONKERS TOLL																				
	01/01/99																				
	01/02/99																				
	•																				
	•																				
	01/31/99																				
	Plaza Subtotal																				
08	HARRIMAN																				
	01/01/99																				
	01/02/99																				
	•																				
	•																				
	01/31/99																				
	Plaza Subtotal																				
	•																				
	•																				
	Grand total																			6001	34,123.00

\* Includes Non Postables (NPST) and rejects

Inter-CSC Detailed Local Use by Collection Date Report  
 For all Reconciled Tolls Collected from:  
 01/01/1999 to 01/31/1999

Report Date: 02/05/1999 15:32  
 Generated by Away Agency: NYSTA  
 Transactions reconciled by Home Agency: Regional Consortium  
 Transactions occurring at facilities of Away Agency: NYSTA

PLAZA	Trans Date	Plan*	CLASS																		Total		
			01		02		03		04		05		06		07		08		09		Cnt	Amt	
			Cnt	Amt	Cnt	Amt	Cnt	Amt	Cnt	Amt	Cnt	Amt	Cnt	Amt	Cnt	Amt	Cnt	Amt	Cnt	Amt	Cnt	Amt	
09	YONKERS TOLL																						
	01/01/99	TZC																					
		TZPL																					
		•																					
		Reject																					
	Day subtotal																						
	01/02/99	TZC																					
		TZPL																					
		•																					
		Reject																					
	Day subtotal																						
	•																						
	•																						
	01/31/99	TZC																					
		TZPL																					
		•																					
		Reject																					
	Day subtotal																						
	Plaza Subtotal																						
08	HARRIMAN																						
	•																						
	•																						
	Plaza Subtotal																						
	•																						
	•																						
	Grand total																				6001	34,123.00	

• Includes Non-Postables (NPST)

## 31.0 IAG-1N: Inter-CSC Non-Toll Settlement Report

**Use of Report:** Indicates the actual amount of funds wire transferred from the Home agency to the Host agency at the end of the settlement period.

**Generated By:** Home Agency

**Frequency:** One report per settlement period.

**Related to:** IAG-2N, IAG-3N, IAG-6N and IAG-14N. Each of these reports ties to one of the line items on IAG-1N.

**Description:**

Inter-CSC Non Toll Settlement Report  
 Wire Transfer for  
 Settlement Period: 01/01/1999 to 01/31/1999

Report Date: 02/05/1999 15:32  
 Generated by Home Agency: Regional Consortium  
 Payments from Home Agency: Regional Consortium  
 Due to Host Agency: NYS Thruway Authority  
 Facility Operator - Albany Airport

<u>Wire Date</u>	<u>Amount</u>	<u>Payment Type*</u>
02/05/1999	\$ 35,503.10	Non-Toll Transactions (from IAG-2N)
	\$ (132.77)	Non-Toll Transaction fees (from IAG-2N)
	\$ (816.54)	Non-Toll Service fees (from IAG-2N)
	\$ 159.00	Non-Toll Corrections (from IAG-3N)
	\$ (25.70)	Disputed Non-Tolls and adjustments (from IAG-6N)
	\$ (300.00)	Non-Toll Charge Backs and Reversals (from IAG-14N)
	-----	
Settlement Total	\$ 34,387.09	

\* Additional line items, with supporting reports, are expected to be added to this report as Agencies develop other programs and fees.

## 32.0 IAG-2N: Inter-CSC Non-Toll Transaction Reconciliation Report

**Use of Report:** Indicates the amount of funds due to the Host agency for non-toll transactions by Home agency customers on a facility with whom the Host agency has an agreement in accordance with IAG Reciprocity II.

**Generated By:** Home Agency

**Frequency:** One report per settlement period.

**Related to:** Toll Transactions line item on IAG-1N. The total amount paid and matching IAG-1N equals the total of the amount collected (PSNT). Declined and rejected transactions are not included.

**Data Source:** Non Toll Transaction Reconciliation files that were acknowledged by the Away agency in the settlement period. There are no restrictions regarding when reconciliation files are produced; i.e. several could be produced in one day for transaction files received previously. Only those reconciliation files acknowledged in the settlement period will appear in this report. . NOTE: Transaction files from a particular Host agency to a particular Home agency contain data only from a particular Facility Operator. Therefore these reports may be grouped by facility or by Host. It is the responsibility of the Host agency to further breakout the data as they may require.

**Description:** The columns in this report are related to the fields in the Transaction Reconciliation File (defined in the IAG inter CSC file spec.) as follows:

INRX\_FILE - The file name of the Reconciliation file (INRX) to be included in the settlement period.

ACK Date - This is the Date field from the corresponding Acknowledgement (ACK) file. All dates must be in the settlement period.

Total Trans Count - The total number of non-toll transactions in the non-toll reconciliation file (INRX) (INTX). The transaction fee is based on this count.

PSNT Count & PSNT AMT – These fields contain the count and dollar amount respectively of those transactions in the reconciliation file with a resolution code of PSNT. These represent transactions applied directly to the pre-paid balance as well as those applied directly to a credit card.

Service Fee - This field is calculated using the current credit blended card fee rate of the Home agency. This rate is multiplied by the PSNT amount for each non-toll reconciliation file.

DECL Count & DECL AMT – These fields contain the count and dollar amount respectively of those transactions in the reconciliation file with a post status code of DECL. These codes represent transactions that were declined by the credit card processor. These transactions are detailed in IAG-15N (Rejected Non-Toll Transactions Report).

NOCC Count & NOCC AMT – These fields contain the count and dollar amount respectively of those transactions in the reconciliation file with a post status code of NOCC. These codes represent transactions that were rejected at the Host CSC because the account is no longer a replenished via a credit card. These transactions are detailed in IAG-15N (Rejected Non-Toll Transactions Report).

Reject Count and Reject AMT - Total count and dollar amount of rejected non-toll transactions for reasons other than DECL or NOCC above. These transactions will have post status codes of RJIN, RJCX, RINV, TAGB, ACCC, OLD3 and RJDP. These transactions are detailed in IAG-7N (Rejected Non-Toll Transactions Report).

Inter-CSC Non-Toll Transaction Reconciliation Report  
 INRX Files Acknowledged in:  
 Settlement Period: 01/01/1999 to 01/31/1999

Report Date: 02/05/1999 15:32

Generated by Home Agency: Regional Consortium

Non-Toll payments from Home Agency: Regional Consortium

Due to Host Agency: NYS Thruway Authority

Facility Operator - Albany Airport

INRX_FILE	ACK Date	Total Trans Count	Trans Fee \$.11	PSNT Count	PSNT AMT	SVC Fee @ 2.30%	DECL Count	DECL AMT	NOCC Count	NOCC AMT	Reject Count	Reject AMT
022_004_19990102010901.INRX	1/3/99	31	3.41	29	1,086.00	24.98					2	48.00
022_004_19990105012448.INRX	1/7/99	56	6.16	55	557.20	12.82					1	45.00
022_004_19990106011057.INRX	1/8/99	75	8.25	75	662.30	15.23						
022_004_19990106011458.INRX	1/8/99	07	0.77	07	425.80	9.79						
022_004_19990107022140.INRX	1/9/99	59	6.49	59	1,014.40	23.33						
022_004_19990107215531.INRX	1/9/99	55	6.05	55	957.30	22.02						
022_004_19990109022225.INRX	1/11/99	22	2.42	22	839.70	19.31						
022_004_19990110051614.INRX	1/12/99	08	0.88	08	847.10	19.48						
022_004_19990110052141.INRX	1/12/99	33	3.63	33	668.80	15.38						
022_004_19990110220253.INRX	1/12/99	56	6.16	56	1,008.30	23.19						
022_004_19990111215735.INRX	1/13/99	41	4.51	41	1,022.70	23.52						
022_004_19990112215445.INRX	1/14/99	82	9.02	82	843.20	19.39						
022_004_19990114215618.INRX	1/16/99	6	0.66	6	21.60	0.50						
022_004_19990114215902.INRX	1/16/99	12	1.32	12	1,506.70	34.65						
022_004_19990114220222.INRX	1/16/99	65	7.15	65	887.20	20.41						
022_004_19990115220013.INRX	1/17/99	34	3.74	34	1,509.30	34.71						
022_004_19990116215041.INRX	1/18/99	55	6.05	55	1,088.80	25.04						
022_004_19990118215434.INRX	1/20/99	83	9.13	83	1,595.30	36.69						
022_004_19990120214231.INRX	1/22/99	87	9.57	85	1,057.50	24.32			2	20.00		
022_004_19990123031220.INRX	1/25/99	28	3.08	27	5,277.50	121.38	1	50.00				
022_004_19990123215019.INRX	1/25/99	29	3.19	24	1,416.20	32.57	2	120.00			3	38.50
022_004_19990124215314.INRX	1/26/99	90	9.9	90	1,692.50	38.93						
022_004_19990125215216.INRX	1/27/99	06	0.66	04	1,273.40	29.29			1	10.00	1	0
022_004_19990128015547.INRX	1/30/99	30	3.3	30	1,417.90	32.61						
022_004_19990129215839.INRX	1/31/99	69	7.59	69	1,741.80	40.06						
022_004_19990129220005.INRX	1/31/99	29	3.19	29	1,507.60	34.67						
022_004_19990130215427.INRX	1/31/99	58	6.38	58	1,756.30	40.39						
022_004_19990131215514.INRX	1/31/99	01	0.11	01	1,820.70	41.88						
Settlement Total		1207	132.77	1194	35,503.10	816.54	3	170.00	3	30.00	7	131.50

### 33.0 IAG-3N: Inter-CSC Non-Toll Correction Reconciliation Report

**Use of Report:** Indicates the amount of funds due to the Away agency because of non-toll transaction corrections.

**Generated By:** Home Agency

**Frequency:** One report per settlement period.

**Related to:** Non-Toll Corrections line item on IAG-1N.

**Data Source:** Non-Toll Transaction correction reconciliation files (IRXN) that were acknowledged by the Away agency in the settlement period.

**Description:** The columns in this report are related to the fields in the Non-Toll Correction Reconciliation File (IRXN) as follows:

IRXN\_FILE - The file name of the Reconciliation file (IRXN) to be included in the settlement period.

ACK Date - This is the Date field from the corresponding Acknowledgement (ACK) file. All dates must be in the settlement period.

Total Count - The total number of non-toll transaction corrections in the non-toll transaction correction reconciliation file (IRXN).

PSNT

ORG - The original amount of the non toll transactions in the correction file.

NEW - The corrected amount of the non toll transactions in the correction file.

NET - The difference (NEW - ORG) in funds represented by the correction file. The total NET amount for all correction files in the settlement period is reflected in IAG-1N.

Reject Count and Reject AMT - Total count and dollar amount of rejected non-toll corrections (including declined). These transactions will have post status codes of DECL, NOCC, RJIN, RJCX, RINV, TAGB, ACCC, OLD3 and RJDP. These transactions are detailed in IAG-7N (Rejected Non-Toll Corrections Report).

Inter-CSC Non-Toll Correction Reconciliation Report  
 IRXN Files Acknowledged in  
 Settlement Period: 01/01/1999 to 01/31/1999

Report Date: 02/05/1999 15:32  
 Generated by Home Agency: Regional Consortium  
 Toll correction payments from Home Agency: Regional Consortium  
 Due to Host Agency: NYS Thruway Authority  
 Facility Operator - Albany Airport

	Ack Date	Total Count	PSNT			Reject Count	Reject AMT
			ORG	NEW	NET		
<b>IRXN_FILE</b>							
022_004_19990102010901.IRXN	01/02/1999	5	24.00	35.00	11.00	0	0.00
022_004_19990105012448.IRXN	01/05/1999	4	10.00	8.00	(2.00)	1	3.00
022_004_19990106011057.IRXN	01/06/1999	100	825.00	975.00	150.00	0	0.00
Settlement Total					159.00		

## 34.0 IAG-6N: Inter-CSC Disputed Non-Toll & Adjustments Report

**Use of Report:** The Settlement Total indicates the amount of funds due to, or withheld from, the Away agency due to disputed tolls previously paid to the Away agency and subsequently credited to the customer's account. This report reflects only those transactions which both the Home and Away agencies have agreed to change.

**Generated By:** Home Agency

**Frequency:** One report per settlement period.

**Related to:** Disputed tolls and adjustments line item on IAG-1N.

**Data Set:** This report indicates adjustments during the settlement period. There are no supporting files transferred for this report.

**Description:**



Inter-CSC Disputed Non-Toll & Adjustments Report  
 Adjustments Posted in:  
 Settlement Period: 01/01/1999 to 01/31/1999

Report Date: 02/05/1999 15:32  
 Generated by Home Agency: Regional Consortium  
 Adjustment payments from Home Agency: Regional Consortium  
 Due to (deducted from) Host Agency: NYS Thruway Authority  
 Facility Operator - Albany Airport

----- Original Transaction -----							Adj.	Reason	Adj. Amount
Entry Plaza	Entry Lane	Exit Plaza	Exit Lane	Class	Serial Num	Date/Time	Date		
17	01	19	01	5	123456789	08/21/1998 08:22:18	01/09/1999	DISPUTED TOLL, WAS OUT OF COUNTRY	\$( 5.70)
23	02	19	02	3	123457344	08/21/1998 08:22:18	01/03/1999	DISPUTED TOLL, OTHER REASON	\$( 2.00)
Exit Plaza Subtotal									
40	03	43	02	2	123457777	08/27/1998 09:45:26	01/05/1999	REDUCED TOLL, APPLIED INCORRECT DISCOUNT	\$( 2.00)
39	04	43	02	4	123457892	08/21/1998 08:22:18	01/07/1999	DISPUTED TOLL, REPORTED TAG LOST	\$( 1.60)
Exit Plaza Subtotal									
		92	01	3	123456890	08/21/1998 08:22:18	01/03/1999	DISPUTED TOLL, VARIOUS REASONS	\$( 4.50)
		92	01	4	123457888	08/27/1998 09:45:26	01/06/1999	INCREASED TOLL, HONEST CUSTOMER	\$ 3.00
		92	01	5	123457913	08/21/1998 08:22:18	01/20/1999	DISPUTED TOLL, VARIOUS REASONS	\$( 3.70)
		92	01	6	123457945	08/27/1998 09:45:26	01/23/1999	REDUCED TOLL, VARIOUS REASONS	\$( 3.20)
		92	01	7	123457999	08/27/1998 09:45:26	01/24/1999	REDUCED TOLL, VARIOUS REASONS	\$( 6.00)
Exit Plaza Subtotal									
•									
•									
•									
Settlement Total									\$( 25.70)

## 35.0 IAG-7N: Inter-CSC Rejected Non Toll Transactions Report

**Use of Report:** Indicates the amount of funds that will not be paid to the Host agency due to transactions that were rejected (as opposed to declined) by the Home agency

**Generated By:** Home Agency

**Frequency:** One report per settlement period.

**Related to:** The subtotals for each rec file number equals the reject amount for that file shown in IAG-2N (Reject AMT).

**Data Source:** INRX files. Transactions with post status codes of RINV, TAGB, ACCC, OLD3, RJDP.

Inter-CSC Rejected Non-Toll Transactions Report  
 For INRX Files Acknowledged in:  
 Settlement Period: 01/01/1999 to 01/31/1999

Report Date: 02/05/1999 15:32  
 Generated by CSC: Regional Consortium  
 Transactions rejected by Home Agency: Regional Consortium  
 Transactions received from Host Agency: NYS Thruway Authority  
 Facility Operator: Albany Airport

Acknowledge Date	Rec File #	Transaction #	Tag #*	Account #	Transaction Date	Trans Time	Entry Plaza	Entry Lane	Exit Plaza	Exit Lane	Amt	Reject Code	
01/22/99	022_004_19990102010901	.INRX											
		12345678	0229876543	8888888	01/19/99	08:39:56	42	01	44	03	16.00	RINV	
		12437765	0222323456	9999999	01/20/99	14:22:34	32	02	21	04	32.00	TAGB	
	Subtotal											48.00	
01/25/99	022_004_19990105012448	.INRX											
		12345987	022456789	7979797	01/23/99	10:37:45	19	03	23	01	45.00	ACCC	
	Subtotal											45.00	
01/25/99	022_004_19990123215019	.INRX											
		12346543	0229874321	3434343	01/24/99	09:40:57	33	01	18	03	8.00	RINV	
		12346457	0222323457	9999999	01/24/99	16:03:32	17	02	21	04	20.50	TAGB	
		12346980	0224567894	7333343	01/24/99	11:27:43	31	03	29	01	10.00	TAGB	
	Subtotal											38.50	
01/27/99	022_004_19990125215216	.INRX											
		12347123	022567832	4323454	01/25/99	01:01:31	19	02	21	02	0.00	OLD3	
	Subtotal											0.00	
Total											\$131.50		

\* Note that the tag number, account number, Entry, Plaza, Entry Lane, Exit Plaza, Exit Lane and Amount may not contain valid or complete data due to the fact that these are rejected transaction and the reason for rejection may be invalid data in one of these fields.

Reject Codes (see IAG file spec) are: RJIN, RJCX, RINV, TAGB, ACCC, OLD3, RJDP

## 36.0 IAG-8N: Inter-CSC Rejected Non-Toll Corrections Report

**Use of Report:** Indicates transaction corrections that were not accepted by the Home agency and the amount of funds represented by those transactions.

**Generated By:** Home Agency

**Frequency:** One report per settlement period.

**Related to:** The total dollar amount of rejected corrections ties to that shown on IAG-3N.

**Data Source:** This report details all rejected transactions as indicated on IAG-3N. These transactions will have post status codes of RJIN, RJCX, RINV, TAGB, ACCC, OLD3 and RJDP. Note that declined transactions are included.

Inter-CSC Rejected Non-Toll Corrections Report  
 For IRXN Files Acknowledged in:  
 Settlement Period: 01/01/1999 to 01/31/1999

Report Date: 02/05/1999 15:32  
 Generated by Home Agency: Regional Consortium  
 Transaction corrections rejected by Home Agency: Regional Consortium  
 Transaction corrections received from Host Agency: NYS Thruway Authority  
 Facility Operator: Albany Airport

Ack Date	Rec File #	Transaction #	Tag #*	Account #	Trans Date	Trans Time	Entry Plaza	Entry Lane	Exit Plaza	Exit Lane	\$ Amount	Reject Code
01/05/99		022_004_19990105012448.IRXN 12345444	0229873434	8768763	12/30/98	08:39:56	42	01	44	03	3.00	RINV
Total											\$ 3.00	

- Note that the tag number, account number, Entry, Plaza, Entry Lane, Exit Plaza, Exit Lane and Amount may not contain valid or complete data due to the fact that these are rejected transaction and the reason for rejection may be invalid data in one of these fields.

Reject Codes (see IAG file spec) are: RJNT, RJCX, RINV, TAGB, ACCC, OLD3, RJDP

## 37.0 IAG-14N: Inter-CSC Non-Toll Credit Card Charge Back Report

**Use of Report:** Indicates non-toll charges that were charged back to the Home CSC by its credit card processor. These charges will be deducted from the amount owed to the Host Agency.

**Generated By:** Home Agency

**Frequency:** One report per settlement period.

**Description:** The total dollar amount of charge backs for the settlement period as shown on IAG-1N.

Inter-CSC Non-Toll (Charge Back) and Reversal Report  
Settlement Period: 01/01/1999 to 01/31/1999

Report Date: 02/05/1999 15:32  
Generated by Home Agency: Regional Consortium  
Host Agency: NYS Thruway Authority  
For: Facility Operator: Albany Airport

Ack Date	Rec File #	Transaction #	Tag #*	Account #	Trans Date	Trans Time	Entry Plaza	Entry Lane	Exit Plaza	Exit Lane	\$ Amount	Chrg Back (C) Reversal (R)
01/05/99		022_004_19990105012448.INRX 12345444	0229873434	8768763	12/30/98	08:39:56	42	01	44	03	( 80.00)	C
09/06/98		022_004_19990905012234.INRX 33344445	0224848432	4564789	09/01/98	08:39:56	42	01	44	03	(420.00)	C
07/05/98		022_004_19980704015667.IXRN 43456356	0225557747	2351745	07/04/98	08:39:56	42	01	44	03	100.00	R
Total											(\$ 300.00)	

## 38.0 IAG-15N: Inter-CSC Declined and No Credit Card Non-Toll Transactions Report

**Use of Report:** Indicates the amount of funds that will not be paid to the Host agency due to transactions that were declined by the Home agency credit card processor.

**Generated By:** Home Agency

**Frequency:** One report per settlement period.

**Related to:** The subtotals for each rec file number equals the reject amount for that file shown in IAG-2N (RJNT AMT).

**Data Source:** INRX files. Transactions with post status code of DECL and NOCC

Inter-CSC Declined and No Credit Card Non-Toll Transactions Report  
 For INRX Files Acknowledged in:  
 Settlement Period: 01/01/1999 to 01/31/1999

Report Date: 02/05/1999 15:32  
 Generated by CSC: Regional Consortium  
 Transactions rejected by Home Agency: Regional Consortium  
 Transactions received from Host Agency: NYS Thruway Authority  
 Facility Operator: Albany Airport

Acknowledge Date	Rec File #	Transaction #	Tag #*	Account #	Transaction Date	Trans Time	Entry Plaza	Entry Lane	Exit Plaza	Exit Lane	Amt	Reject Code
01/22/99	022_004_	19990120214231	.INRX									
		11122334	0229876543	8888888	01/19/99	08:39:56	42	01	44	03	5.00	NOCC
		13435477	0223444444	9999999	01/20/99	14:22:34	32	02	21	04	15.00	NOCC
	Subtotal										20.00	
01/25/99	022_004_	19990123031220	.INRX									
		22345987	022456789	7979797	01/23/99	10:37:45	19	03	23	01	50.00	DECL
	Subtotal										50.00	
01/25/99	022_004_	19990123215019	.INRX									
		12346543	0229874321	3434343	01/24/99	09:40:57	33	01	18	03	80.00	DECL
		12346457	0222323457	9999999	01/24/99	16:03:32	17	02	21	04	40.00	DECL
	Subtotal										120.00	
01/27/99	022_004_	19990125215216	.INRX									
		12347123	022567832	4323454	01/25/99	01:01:31	19	02	21	02	10.00	NOCC
	Subtotal										0.00	
Total											\$200.00	

\* Note that the tag number, account number, Entry, Plaza, Entry Lane, Exit Plaza, Exit Lane and Amount may not contain valid or complete data due to the fact that these are rejected transaction and the reason for rejection may be invalid data in one of these fields.

Reject Codes (see IAG file spec) are: DECL and NOCC

## 39.0 IAG-16N: Inter-CSC Non-Toll Aggregate Funds Report

**Use of Report:** Indicates the amount of funds due to the Home agency for Aggregate funds as defined by the Reciprocity II agreement.

**Generated By:** Host Agency

**Frequency:** One report per settlement period.

**Related to:** Transaction Fee from IAG-2N. This report is generated by the Host agency and uses the same reconciliation file set as used by the Home agency for settlement.

**Data Source:** Transaction reconciliation files that were acknowledged by the Away agency in the settlement period. There are no restrictions regarding when reconciliation files are produced; i.e. several could be produced in one day for transaction files received previously. Only those reconciliation files acknowledged in the settlement period will appear in this report.

**Description:** The columns in this report are related to the fields in the Transaction Reconciliation File (defined in the IAG inter CSC file spec.) as follows:

INRX\_FILE - The file name of the Reconciliation file (INRX) to be included in the settlement period.

ACK Date - This is the Date field from the corresponding Acknowledgement (ACK) file. All dates must be in the settlement period.

Total Trans Count - The total number of non-toll transactions in the non-toll reconciliation file (INRX) (INTX). The transaction fee is based on this count.

Trans Fee from F.O. - The total transaction fee charged by the Host agency to the Facility Operator for the transactions indicated in the INTX file.

Trans Fee Due Home - The total transaction fee due from the Host agency to the Home agency as reported in IAG-2N.

Aggregate Funds - The difference between the amount the Host agency receives for each transaction from the Facility Operator and the amount the Host agency paid the Home agency for each transaction sent to the Home agency.

Aggregate Funds Due Home - One half of the Aggregate funds are due from the Host agency to the Home agency per Reciprocity II.

Inter-CSC Non-Toll Aggregate Funds Report  
 INRX Files Acknowledged in:  
 Settlement Period: 01/01/1999 to 01/31/1999

Report Date: 02/05/1999 15:32

Generated by Host Agency: NYS Thruway Authority

Aggregate Funds from Host Agency: NYS Thruway Authority

Due to Home Agency: Regional Consortium; Facility Operator - Albany Airport

INRX_FILE	ACK Date	Total Trans Count	Trans Fee from F.O. \$.15	Trans Fee Due Home \$.11	Aggregate Funds	Aggregate Funds Due Home
022_004_19990102010901.INRX	1/3/99	31	4.65	3.41	1.24	0.62
022_004_19990105012448.INRX	1/7/99	56	8.4	6.16	2.24	1.12
022_004_19990106011057.INRX	1/8/99	75	11.25	8.25	3	1.5
022_004_19990106011458.INRX	1/8/99	07	1.05	0.77	0.28	0.14
022_004_19990107022140.INRX	1/9/99	59	8.85	6.49	2.36	1.18
022_004_19990107215531.INRX	1/9/99	55	8.25	6.05	2.2	1.1
022_004_19990109022225.INRX	1/11/99	22	3.3	2.42	0.88	0.44
022_004_19990110051614.INRX	1/12/99	08	1.2	0.88	0.32	0.16
022_004_19990110052141.INRX	1/12/99	33	4.95	3.63	1.32	0.66
022_004_19990110220253.INRX	1/12/99	56	8.4	6.16	2.24	1.12
022_004_19990111215735.INRX	1/13/99	41	6.15	4.51	1.64	0.82
022_004_19990112215445.INRX	1/14/99	82	12.3	9.02	3.28	1.64
022_004_19990114215618.INRX	1/16/99	6	0.9	0.66	0.24	0.12
022_004_19990114215902.INRX	1/16/99	12	1.8	1.32	0.48	0.24
022_004_19990114220222.INRX	1/16/99	65	9.75	7.15	2.6	1.3
022_004_19990115220013.INRX	1/17/99	34	5.1	3.74	1.36	0.68
022_004_19990116215041.INRX	1/18/99	55	8.25	6.05	2.2	1.1
022_004_19990118215434.INRX	1/20/99	83	12.45	9.13	3.32	1.66
022_004_19990120214231.INRX	1/22/99	87	13.05	9.57	3.48	1.74
022_004_19990123031220.INRX	1/25/99	28	4.2	3.08	1.12	0.56
022_004_19990123215019.INRX	1/25/99	29	4.35	3.19	1.16	0.58
022_004_19990124215314.INRX	1/26/99	90	13.5	9.9	3.6	1.8
022_004_19990125215216.INRX	1/27/99	06	0.9	0.66	0.24	0.12
022_004_19990128015547.INRX	1/30/99	30	4.5	3.3	1.2	0.6
022_004_19990129215839.INRX	1/31/99	69	10.35	7.59	2.76	1.38
022_004_19990129220005.INRX	1/31/99	29	4.35	3.19	1.16	0.58
022_004_19990130215427.INRX	1/31/99	58	8.7	6.38	2.32	1.16
022_004_19990131215514.INRX	1/31/99	01	0.15	0.11	0.04	0.02
Settlement Total		1207	181.05	132.77	48.28	24.14

## 40.0 Modification History

### **Changes from CSC 1.51m to CSC 1.51n (07/07/2022)**

1. Deprecated TAG\_STATUS value of "4" in the ITAG file (Section 3.4).
2. Added clarification to TAG\_STATUS description that value of "4" is still applicable (Section 4.4).
3. Clarified description of LIC\_NUMBER contents to indicate that special characters are allowed if required by the applicable DMV (Section 10.4).
4. Removed items 6 and 9 from Transmission Methodology (Section 16.0). They are no longer relevant.

### **Changes from CSC 1.51l to CSC 1.51m (04/23/2021)**

1. Incorporated revised Appendix H – Inter-CSC Dispute Policy – approved by the EMC under Resolution 2021-04-02 on 04/08/2021.

### **Changes from CSC 1.51k to CSC 1.51l (12/18/2018)**

1. Added reference to Appendix I for validation of LIC\_STATE field of ICLP File (Section 10.4).
2. Added Appendix I for validation of LIC\_STATE field of ICLP File.

### **Changes from CSC 1.51j to CSC 1.51k (06/19/2018)**

1. Changed description of Bit 3 in TAG\_ACCT\_INFO field of ITAG (Section 3.4) and ITGU (Section 4.4) Files from "All Bridges" to "Green Discount".
2. Updated Appendix H to reflect dispute policy and rules that were approved in June of 2017.

### **Changes from CSC 1.51i to CSC 1.51j (05/03/2018)**

1. Added requirement that the ETC\_CLASS\_CHARGED field of the Transaction File (Section 6.4) should not be validated by the recipient.
2. Grammatical corrections in various fields from "This contents..." to "The contents...".
3. Removed language that is no longer applicable from the File Usage of the Customer License Plate File in the Introduction (Section 1.0).

### **Changes from CSC 1.51h to CSC 1.51i (04/08/2014)**

1. Reduced five (5) minute rule to one (1) minute for Tolls. See Section 6.5, Processing Rules #1 and #4 and Section 7.4, ETC\_POST\_STATUS field value RJDP. Five (5) minute rule for Non-Tolls was not changed.

### **Changes from CSC 1.51g to CSC 1.51h (10/29/2013)**

1. Added Requirement #7 to Section 2.0, General File and Report Requirements, clarifying the existing rule that the date/time in file names must match the file's header record.
2. Added clarification language to Process Rule #1 of Section 6.5 (Transaction File) for duplicate transaction filtering.
3. Added Processing Rule #8 to Section 10.5 (Customer License Plate File) clarifying the handling of cases where a complete file is missing.
4. Added Processing Rule #6 to Section 12.5 (Non-Toll Reconciliation File) to clarify the effects on an account when a non-toll transaction fails to post to an account and is reconciled as declined (DECL).
5. Incorporated Non-Toll Transaction Flow from the appendix spreadsheet into Appendix F and added details on the processing flow for non-tolls including the effects on the account and the method used by Facility Operators to resubmit non-toll transactions.
6. Incorporated update Dispute Policy in Appendix H

### **Changes from CSC 1.51f to CSC 1.51g (03/28/2007)**

1. Updated Processing Requirement #4 of the Tag Status File to clarify invalid record handling.
2. Removed Processing Requirement #8 of the Tag Status File. Systems referenced in that rule no longer exist.
3. Updated Processing Requirement #6 of the Tag Status Update File to clarify invalid record handling.
4. Updated File Layout of Invalid Tag Customer File to clarify required fields.
5. Updated Processing Requirement #2 of the Invalid Tag Customer File to clarify retention period.
6. Updated Processing Requirement #1 of the Transaction File to clarify definition of "non-license plate" transactions.
7. Updated Processing Requirement #2 of the Transaction File to clarify information being sent.

**Changes from CSC 1.51e to CSC 1.51f (10/04/2006)**

1. Updated Processing Requirement #1 of the Transaction File to remove exception to the 5 minute rule.

**Changes from CSC 1.51d to CSC 1.51e (07/31/2006)**

1. Maximum tag serial number corrected from 16777216 to 16777215.
2. Updated Processing Requirement #1 of the Transaction File to indicate that the Home Agency/CSC shall also perform duplicate (within 5 minutes) checking (as per RTF notes from 11/17/2005 meeting).
3. Updated Processing Requirement #1 of the Non-Toll Transaction File to indicate that the Home Agency/CSC shall also perform duplicate (within 5 minutes) checking 9as per RTF notes from 11/17/2005).
4. References to a separate "Report Specifications Document" were changed to refer to sections of this document in keeping with item #1 in the change from 1.51c to 1.51d below.
5. Removed outdated items #2, #3, #7 and #8 from the Transmission Methodology section. Added item #9 referencing the IAG Network document. Added item #10 referencing the ITAG Processing Information spreadsheet.
6. Updated Description of Report IAG-2 to include code of INSU which was missing.
7. Updated Description of Report IAG-6 to refer to the new Appendix H.
8. Added Appendix H – Inter-CSC Dispute Policy

**Changes from CSC 1.51c to CSC 1.51d (06/12/2002)**

1. The IAG Toll Settlement Report Specifications document (CSC-R 1.51) and Non-Toll Settlement Report Specifications document (CSC-N 1.51) were incorporated to create a single Inter-CSC Interface File and Reporting Specifications document which encompasses all files and reports which can be exchanged between E-ZPass Customer Service Centers.
2. The description of Report IAG-14N, Non-Toll Credit Card Charge Back Report, was modified to confirm to the industry definition of a credit card charge back.

**Changes from CSC 1.51b to CSC 1.51c (04/08/2002)**

1. Updated the description of the ETC\_LICENSE\_NUMBER field of the Transaction File to clarify that the plate information in the transaction may not relate to the account indicated by the tag information. This was done based on the rules stipulated in the Automated Violation Toll Posting Procedure.

**Changes from CSC 1.51a to CSC 1.51b (12/12/2001)**

1. Updated the descriptions of the TAG\_ACCT\_INFO field of the Tag Status File and Tag Status Update File to indicate that bit 24 should be set to zero (0).
2. Updated Processing Requirement #6 of the Transaction File to indicate that the proper RETURN\_CODE for skipped file numbers should be '06' and not '04'.
3. Removed the Non-Toll ETC\_POST\_STATUS reconciliation codes from the Transaction Reconciliation File and moved them into the Non-Toll Reconciliation File.
4. Corrected the ETC\_OWED\_AMOUNT description to reflect the size of the actual column. Originally showed rejected transactions as having "0000000" (seven zeroes) when it should have been "00000" (five zeroes). Also corrected the detail Record Total from 29 to 28 bytes.
5. Updated Processing Requirement #6 of the Transaction Reconciliation File to indicate the proper RETURN\_CODE which should be '04' and not '06'.
6. Updated Processing Requirement #1 of the Correction File to indicate that the proper RETURN\_CODE for skipped file numbers should be '06' and not '04'.
7. Corrected the Size of the Detail Record in the Correction Reconciliation File.
8. Updated Processing Requirement #4 of the Non-Toll Transaction File to indicate that the proper RETURN\_CODE for skipped files should be '06' and not '04'.
9. Updated Processing Requirement #2 of the Non-Toll Reconciliation File to reflect the proper ETC\_POST\_STATUS code values.
10. Updated Processing Requirement #1 of the Non-Toll Correction File to indicate that the proper RETURN\_CODE for skipped file numbers should be '06' and not '04'.
11. Corrected Size of the Detail Record in the Non-Toll Correction Reconciliation File.

12. Added a value of '07' to the RETURN\_CODE field of the Acknowledgement File to indicate a bad ZIP file structure of other file structure defect.
13. Added Processing Requirement #4 to the Acknowledgement File to refer to Appendix G.
14. Create Appendix G for the Acknowledgement File RETURN\_CODE values and their associated processing rules.

**Changes from 1.51 to CSC 1.51a (08/23/2001)**

1. Changed the document version naming convention from 1.51 to CSC 1.51. This version becomes CSC 1.51a.
2. Amended Description of ETC\_POST\_STATUS field of the Transaction Reconciliation File (Section 7.4). Codes of ACCB, OLD1 and OLD2 are now reserved solely for toll transactions. Codes ACCC and OLD3 have been added for non-toll transactions. This change applies to all reconciliation files.
3. Amended list of ETC\_POST\_STATUS codes on which toll settlement is based (Section 7.5 paragraph 3) to eliminate the value of 'PSNT' as this is a non-toll code.
4. Amended list of ETC\_POST\_STATUS codes on which toll settlement is based (Section 9.5 paragraph 2) to eliminate the value of 'PSNT' as this is a non-toll code.
5. Amended list of ETC\_POST\_STATUS codes on which non-toll settlement is based (Section 12.5 paragraph 3) to only have the value of 'PSNT' as this is a non-toll code.
6. Amended list of ETC\_POST\_STATUS codes on which non-toll settlement is based (Section 14.5 paragraph 2) to only have the value of 'PSNT' as this is a non-toll code.
7. Corrected Detail Structure record length total of the Correction File from 114 bytes to 112 bytes.
8. Corrected Detail Structure record length total of the Correction Reconciliation File from 31 bytes to 29 bytes.
9. Corrected the values of the RETURN\_CODE field in the Acknowledgement File to correspond to prior versions of the specification.
10. Removed the actual contents of Appendices A, B and C and inserted a reference to the *IAG Inter-CSC Files - Appendix* spreadsheet which now contains that information.
11. Added Facility Code 131 to the list of facilities serviced by the NY CSC (008) in Appendix E.

**Changes from 1.50a to 1.51 (01/05/2001)**

1. Reduced the size of the ETC\_TOLL\_AMOUNT field of the Transaction File. The Correction File is adjusted accordingly. This was done to allow for backward compatibility with version 1.33d. This makes the Non-Toll Transaction File record size different than the Toll Transaction File. It is envisioned that some future version of the specification will bring these two files back to the same format.
2. Added Buffalo Fort Erie Public Bridge Authority (ETC\_FAC\_AGENCY 013) and Delaware River and Bay Authority Plaza Codes (ETC\_FAC\_AGENCY 025) in Appendix B.
3. Added Buffalo Fort Erie Public Bridge Authority and Delaware River and Bay Authority Class Codes in Appendix C.
4. Removed pre-01/01/2000 Class Codes for WVPA from Appendix C.

**Changes from 1.5 to 1.50a (12/21/2000)**

1. Updated the description of the ETC\_POST\_STATUS field of the Transaction Reconciliation File (Section 7.4) to include a value of RJCX to allow non-toll corrections to be rejected if they constitute a second (or greater) attempt to correct the same transaction.
2. Updated the description of the ETC\_OWED\_AMOUNT field of the Transaction Reconciliation File (Section 7.4) to clarify that this amount for a correction transaction is the corrected amount and not the net amount of the original and corrected amount.
3. Updated Processing Requirement #6 of the Transaction Reconciliation File (Section 7.5) to set the RETURN\_CODE to a value of '06' instead of '04' so as to avoid a conflict.
4. Updated the description of the LIC\_NUMBER field of the Customer License Plate File (Section 10.4) to stipulate valid characters.

5. Added Processing Requirement #7 to the Customer License Plate File (Section 10.5) to define the actions required if the same plate information is received from two Home Agencies/CSCs.
6. Updated the File Use of the Non-Toll Transaction File (Section 11.3) to reference valid E-ZPass Plus tags and not tags with a TAG\_STATUS of '1'.
7. Updated the description of the ETC\_VALIDATION\_STATUS field of the Non-Toll Transaction File (Section 11.4) to remove the value of '2' (Low Balance) as it was not a valid value for a non-toll transaction.
8. Updated Processing Requirement #3 of the Non-Toll Transaction File (Section 11.5) to handle parking facilities that charge a fee based solely on entry to the facility.
9. Updated the description of the RETURN\_CODE field of the Acknowledgement File (Section 15.4) to include the new value of '06' and to redefine the usage of the value '04'.
10. Updated Albany Airport Plaza Codes (ETC\_FAC\_AGENCY 128) in Appendix B.

**Changes from 1.41a to 1.5 (11/30/2000)**

1. Modified the TAG\_ACCT\_INFO fields of the Tag Status File and the Tag Status Update File to accommodate E-ZPass Plus applications (both Parking and Non-Parking).
2. Added Processing Requirements #9 and #10 to the Tag Status File to define the setting and handling of the E-ZPass Plus status bits.
3. Updated the description of the ETC\_TRX\_TYPE field of the Non-Toll Transaction File to include a value of 'N' for non-parking transactions.
4. Updated the description of the ETC\_POST\_STATUS field of the Transaction Reconciliation File to include a value of RJIN to allow non-toll transactions against non-credit card accounts to be rejected for insufficient funds.
5. Added Agency ID 130 (McDonalds) to Appendix A.
6. Updated Appendix B to include plaza codes for McDonalds.
7. Updated Appendix E to include Facility Code 130 in the E-ZPass New York CSC.

**Changes from 1.41 to 1.41a (11/20/2000)**

1. Added agency 025 (Delaware River and Bay Authority) to Appendix A.

**Changes from 1.40b to 1.41 (10/31/2000)**

1. Reformatted the list of files in the Introduction for better readability.
2. Modified page numbering scheme for appendices.
3. Clarified the definition of the TAG\_STATUS fields in the Tag Status File and Tag Status Update File.
4. Updated the description of the ETC\_POST\_STATUS field of the Transaction Reconciliation File for the value DECL to indicate that it only applies to transactions passed directly through to the credit card.
5. Added Processing Requirement #4 to the Correction File to indicate that a transaction can only be submitted for correction once.
6. Updated the Customer License Plate File descriptions for the LIC\_STATE and LIC\_NUMBER fields for better error checking. Added Processing Requirement #6 to define processing of invalid records.
7. Updated Processing Requirement #7 of the Non-Toll Transaction File to indicate that each file shall only contain transactions from a single Facility Operator and that a separate file shall be created for each Home Agency.
8. Removed Processing Requirement #8 of the Non-Toll Transaction File.
9. Added Processing Requirement #7 to the Non-Toll Correction File to indicate that a transaction can only be submitted for correction once.
10. Updated Appendix B NJ Turnpike short abbreviation and plaza 17 codes.
11. Added Appendix F, Non-Toll Transaction Flow, as an aid to understanding the grouping and routing of non-toll transactions.

**Changes from 1.40a to 1.40b (09/21/2000)**

1. Updated Appendix B to include plaza codes for the Pennsylvania Turnpike Commission.

**Changes from 1.4 to 1.40a (08/28/2000)**

1. Increased the size of the ETC\_TOLL\_AMOUNT field in the Transaction File from CHAR(5) to CHAR(7) to allow for larger amounts. This increased the record length from 110 to 112 bytes. This in turn will affect the structure of the Correction File accordingly.
2. Increased the size of the ETC\_OWED\_AMOUNT field in the Transaction Reconciliation File from CHAR(5) to CHAR(7) to allow for larger amounts. This increased the record length from 29 to 31 bytes. This in turn will affect the structure of the Correction Reconciliation File and the Non-Toll Reconciliation File accordingly.
3. Increased the size of the ETC\_AMOUNT\_DUE field in the Non-Toll Transaction File from CHAR(5) to CHAR(7) to allow for larger amounts. This increased the record length from 110 to 112 bytes. This in turn will affect the structure of the Non-Toll Correction File accordingly.
4. Section 16 item 4 was modified to remove RCP as a means of file transmission.
5. Appendix D was updated to include PA Turnpike IP address.
6. Added agency 006 (Pennsylvania Turnpike Commission) to Appendix E.

**Changes from 1.33d to 1.4 (08/08/2000)**

1. Removed Processing Requirement #5 of the Transaction File which referred to the processing of parking transactions.
2. Modified values of ETC\_POST\_STATUS field of the Transaction Reconciliation File to handle parking transactions.
3. Added the Non-Toll Transaction File to allow for the processing of non-toll transactions. A new file was added (as opposed to including these transactions in the Toll Transaction File) due to the possible delays in reconciling non-toll transactions and the desire to not hold up reconciliation of toll transactions.
4. Added the Non-Toll Reconciliation file to allow for the reconciliation of Non-Toll Transaction Files.
5. Added the Non-Toll Correction File to allow for correction of non-toll transactions.
6. Added the Non-Toll Correction Reconciliation File to allow for the reconciliation of Non-Toll corrections.
7. Reformatted Appendix B, Plaza Codes, for readability and created short agency descriptions. Added plaza codes for New Jersey Turnpike and updated several MassPike and South Jersey codes. Also, added plaza codes for PANYNJ and Albany Airport plazas.
8. Updated Appendix D, Inter-CSC Network Topology, to include PTC and to include the Area Code and Exchange of the demarcation points.

**Changes from 1.33c to 1.33d (11/22/1999)**

1. Modified description of the TAG\_ACCT\_INFO field of the Tag Status File and the Tag Status Update File to include new discount plans for DRPA (bit 12), SJTA (bit 13) and NJHA (bit 14).
2. Modified description of the ETC\_POST\_PLAN field of the Transaction Reconciliation File to include the new discount plans for DRPA (00012), SJTA (00013) and NJHA (00014). This would also affect the Correction Reconciliation File.
3. Added MassPort and West Virginia plaza code information to Appendix B.
4. Added MassPort and West Virginia class information to Appendix C.
5. Updated Appendix D to reflect the current status of the IAG Network.
6. Added West Virginia to Appendix E.

**Changes from 1.33b to 1.33c (09/13/1999)**

1. Fixed numbering problem in Processing Requirement section of the Customer License Plate File. Also, split the second requirement into two distinct requirements (as they were in 1.32a).

2. Added NJHA plaza codes to Appendix B.
3. Corrected several DRPA class code values in Appendix C. Added Footnote 4 to Appendix C.

**Changes from 1.33a to 1.33b (07/30/1999)**

1. Modified various descriptions of Non-Toll field values to indicate that these are simply reserved values and should not be used in development. Also modified Processing Requirement #5 of the Transaction File to address this issue.
2. Modified Processing Requirement #4 of the Transaction Reconciliation File to refer to the Inter-CSC Settlement Report Specifications.
3. Added Processing Requirement #6 to the Transaction Reconciliation File to handle situations where the file does not correspond properly to the Transaction File.
4. Added Processing Requirement #4 to the Correction Reconciliation File to handle situations where the file does not correspond properly to the Correction File.
5. Modified the RETURN\_CODE value of '04' in the Acknowledgement File to refer to the situation whereby the data contained in a Transaction Reconciliation File (or Correction Reconciliation File) does not match its corresponding Transaction File (or Correction File).

**Changes from 1.33 to 1.33a (07/27/1999)**

1. Reformatted document to include section numbers and other format changes to improve readability.
2. Renamed 'Misc. Requirements' section to 'Processing Requirements'.
3. Added Processing Requirements to the Tag Status File and Tag Status Update File to state that only tags issued by the CSC should be included in the file. This was done to bring the document in line with current CSC operations.
4. Added Appendix E, CSC/Agency Cross Reference. Modified the 'Description/Valid Values' references associated with the fields FROM\_AGENCY\_ID, TO\_AGENCY\_ID and ETC\_FAC\_AGENCY to refer to Appendix E.
5. Reworded General File Requirement #1 to refer to Appendix E.
6. Changed Processing Requirement #3 for the Transaction File to indicate that a credit transaction "may" share information as opposed to "must" share information.
7. Added Processing Requirements to the Tag Status File and Tag Status Update File to indicate that CSCs which issue tags under multiple Agency IDs would create only a single file for all tags and not multiple files by Agency ID. This was done to bring the document in line with current CSC operations.
8. Added Processing Requirements to the Transaction File and Correction File to indicate that CSCs which issue tags under multiple Agency IDs should receive only a single file for all transactions for its tags from a particular Away Agency/CSC and not multiple files by Agency ID. This was done to bring the document in line with current CSC operations.
9. Modified the Valid Values for the LIC\_TYPE field of the Customer License Plate File to show asterisks (\*\*) as the valid unused value instead of blanks. This was done to bring the document in line with current CSC operations.
10. Modified Processing Requirement #1 of the Transaction File to indicate that intentional duplicate transactions must have their exit times one second apart. This was done to bring the document in line with current CSC operations.

**Changes from 1.32a to 1.33 (06/15/1999)**

1. Added a value of P to the ETC\_TRX\_TYPE field of the Transaction File. This value indicates that the transaction occurred at a parking facility as opposed to a toll facility. Updated the description of the ETC\_ENTRY\_DATE, ETC\_ENTRY\_TIME, ETC\_ENTRY\_PLAZA and ETC\_ENTRY\_LANE fields to account for parking (and other Non-Toll) transactions. Added 'Misc. Requirement' #5 to the Transaction File to address parking transactions.

2. Updated 'Misc. Requirement' #1 of the Transaction File to indicate that duplicate transactions may be received under certain circumstances.
3. Added 'Misc. Requirement' #4 to the Transaction File to clarify the method of filtering license plate transactions.
4. Added the field ICTX\_FILE\_NUM to the Transaction File header. Header record increased in size from 33 bytes to 39 bytes. Added 'Misc. Requirement' #6 to the Transaction File to describe the usage of the file sequence number.
5. Added the field ICTX\_FILE\_NUM to the header of the Transaction Reconciliation File. Header record increased in size from 33 bytes to 39 bytes. Added 'Misc. Requirement' #4 to describe its use.
6. Added values of PSNT and RJNT to the ETC\_POST\_PLAN field of the Reconciliation File to be used for Non-Toll transactions. Updated 'Misc. Requirement' #3 to include PSNT as a value to be included in settlement.
7. Renamed the Transaction Correction File to the Correction File.
8. Added the field ITXC\_FILE\_NUM to the Correction File header. Header record increased in size from 33 bytes to 39 bytes. Added 'Misc. Requirement' #1 to the Correction File to describe the usage of the file sequence number.
9. Added the Correction Reconciliation File to allow correction transactions to be reconciled and reported as part of settlement. Updated 'Misc. Requirement' #3 of the Transaction Reconciliation File to include the Correction Reconciliation File as part of settlement.
10. Added values of 04 and 05 to the RETURN\_CODE field of the Acknowledgement File to handle file sequence number problems.
11. Added agency 024 (West Virginia Parkways Authority) to Appendix A. Reserved agency codes 128 through 999 for future non-tag issuing facilities.
12. Updated SJTA (agency 007) and DeIDOT (agency 019) plaza information in Appendix B.
13. Highlighted various IAG Class values in Appendix C to indicate those codes which currently cannot be programmed into a tag.
14. IP address for MassPike FTP Host added in Appendix D.

**Changes from 1.32 to 1.32a (05/12/1999)**

1. Changed all record delimiters in all files from CR (carriage return) to LF (line feed). This allows the files to be viewed/edited with standard software.
2. Updated the Transmission Methodology section to include tag files being sent by Agency 021 (MassPike).
3. Update the Transmission Methodology section to reflect the actual method currently used in naming the check file. It now correctly shows {FILE\_NAME}\_{FILE\_TYPE}.CHECK instead of {FILE\_NAME}.CHECK.
4. Added class information for NJTA to Appendix C and filled in missing MTA B&T class information.
5. Added Appendix D – Inter-CSC Network Topology.

**Changes from 1.31 to 1.32 (04/12/1999)**

1. Updated the 'File Use' section of the Tag Status Update File to indicate that the file can contain new tags as well as updated information for existing tags.
2. Added a value of PPST to the ETC\_POST\_STATUS field of the Transaction Reconciliation File. This value indicates that the license plate transaction was successfully posted to an account.
3. Added a value of RJPL to the ETC\_POST\_STATUS field of the Transaction Reconciliation File. This value indicates that the license plate transaction could not be posted to an account.
4. Updated 'Misc. Requirement' #3 of the Transaction Reconciliation File to include PPST as a valid value to be used for settlement.

5. Updated the 'File Use' section of the Customer License Plate File to specify the only license plates associated with valid accounts (accounts with at least one tag with a TAG\_STATUS of '1' or '2') are to be included in the file. Also updated "Misc. Requirement" #1 accordingly.
6. Added the field LIC\_TYPE to the Customer License Plate File to be used to indicate license plate type. Until the values of this field are determined, it shall be filled with blanks. This increase the record length from 24 to 26 bytes.
7. Updated the Transmission Methodology section to incorporate the latest information on transmission schedules.
8. Added plaza information for MassPike to Appendix B. Also modified heading of 'Plaza Abbreviation for Customer Statements' to indicate that the maximum size of this field is three (3) characters.

**Changes from 1.3 to 1.31 (03/18/1999)**

1. Added plaza information for MdTA to Appendix B.
2. Added class information for MdTA and MassPike to Appendix C.
3. Updated the 'File Use' section for the Transaction Reconciliation File to indicate that the file is associated with a single, complete Transaction File, not partial files of multiple files in a single reconciliation file.
4. Updated 'Misc. Requirement' #3 of the Transaction Reconciliation File to modify the rules as to which files are included in a months reconciliation.

**Changes from 1.2 to 1.3 (12/29/1998)**

1. Added General File Requirement #3 to define the naming conventions for compressed files.
2. Updated the description of the TAG\_SERIAL\_NUMBER field in all files to reflect a starting tag serial number value of 00000001 and not 00000000. Some agencies cannot process a tag serial number that is all zeroes.
3. Added 'Misc. Requirement' #7 to the Tag Status File to handle the method whereby tags are removed from the Tag Status File.
4. Updated the description of the ETC\_ENTRY\_PLAZA and ETC\_EXIT\_PLAZA fields of the Transaction File to specify that the fields are left justified and padded with trailing blanks. Also added Appendix B which lists valid plaza codes for each agency.
5. Updated the description of the ETC\_ENTRY\_LANE and ETC\_EXIT\_LANE fields of the Transaction File to specify that the fields are left justified and padded with trailing blanks.
6. Updated the description of the ETC\_CLASS\_CHARGED field of the Transaction File to specify that it is left justified and padded with trailing blanks. Also added Appendix C which lists the valid class codes for each agency and how they relate.
7. Added a value of RINV to the ETC\_POST\_STATUS field of the Transaction Reconciliation File. This value indicates that the Home Agency detected invalid data in one or more of the fields in the referenced transaction record.
8. Updated the description of the ETC\_POST\_PLAN field of the Transaction Reconciliation File to specify the valid values.
9. Added 'Misc. Requirement' #3 to the Transaction Reconciliation File to clarify which transactions are settled each month.
10. Increased the length of the ORIG\_FILE\_NAME\_TYPE field of the Acknowledgment File from 25 characters to 50 characters. The record length increased from 52 bytes to 77 bytes.
11. Moved the list of valid agency ID codes from the General File Requirements to Appendix A.

**Changes from 1.1 to 1.2 (10/01/1998)**

1. Added value of NPST to the ETC\_POST\_STATUS field of the Transaction Reconciliation File. This value indicates that: while the transaction did not post at the Home Agency, the Home Agency still acknowledges that the toll is owed to the Away Agency.

2. Added field of ETC\_DEBIT\_CREDIT to the Transaction File. This field is used by the Away Agency to indicate whether the toll should be debited from the customer account or credited to the customer account. Also added 'Misc. Requirement' #3 to address the use of the field. The record length increased from 109 bytes to 110 bytes. As a result of this change, transmission time of the compressed file on a T-1 line increased from 73 seconds to 74 seconds.
3. Modified length of Transaction Correction File to accommodate the addition of the ETC\_DEBIT\_CREDIT field in the Transaction File (See #2 above).
4. Added field of ETC\_DEBIT\_CREDIT to the Transaction Reconciliation File. This field is used by the Home Agency to reflect the ETC\_DEBIT\_CREDIT originally transmitted in the Transaction File. The record length increased from 28 bytes to 29 bytes. Transmission time was not increased as a result of this change.
5. Modified the name of the ETC\_POST\_AMOUNT field of the Transaction Reconciliation File to be ETC\_OWED\_AMOUNT. Also modified its description to reflect the fact that the tolls shown in the file indicate amounts owed from the Home Agency/CSC to the Away Agency/CSC.
6. Modified the format of the TAG\_AGENCY\_ID, TAG\_SERIAL\_NUMBER and TAG\_ACCT\_INFO fields of the Tag Status File to convert them from a binary format to a string representation. The record length increased from 9 bytes to 19 bytes. As a result of this change, transmission time of the compressed file on a T-1 line increased from 48 seconds to 102 seconds.
7. Modified the format of the TAG\_AGENCY\_ID, TAG\_SERIAL\_NUMBER and TAG\_ACCT\_INFO fields of the Tag Status Update File to convert them from a binary format to a string representation. The record length increased from 9 bytes to 19 bytes. Impact on transmission time should be negligible.
8. Modified the format of the CUST\_TAG\_AGENCY\_ID and CUST\_TAG\_SERIAL fields of the Invalid Tag Customer File to convert them from a binary format to a string representation. The record length increased from 257 bytes to 264 bytes. As a result of this change, transmission time of the compressed file on a T-1 line increased from 69 seconds to 71 seconds.
9. Modified the format of the TAG\_AGENCY\_ID and TAG\_SERIAL\_NUMBER fields of the Customer License Plate File to convert them from a binary format to a string representation. The record length increased from 17 bytes to 24 bytes. As a result of this change, transmission time of the compressed file on a T-1 line increased from 91 seconds to 128 seconds.
10. Modified description of ETC\_VALIDATION\_STATUS field of the Transaction File to include asterisk (\*) as a valid value if the agency lane system does not report the actual value to its CSC.
11. Modified the File Use sections of the Tag Status File and Tag Status Update File so that all tags associated with accounts held by the Home Agency/CSC are included in the file and not just those tags issued by the Home Agency/CSC. This was done so that tags sold (issued) by one CSC which are later used to open an account at another CSC will be reported by the correct CSC. Also added 'Misc. Requirement' #6 to address the instance where an Away Agency/CSC receives the same tag information from two Home Agencies/CSCs.

#### **Changes from 1.0 to 1.1 (09/14/1998)**

1. Added value of C (Manned/ETC with Carpool confirmation) to the ETC\_LANE\_MODE field of the Transaction File. This value indicates that: a) the vehicle traversed a Manned/ETC lane; b) the tag was associated with a carpool discount plan based on the most recent tag status information; and c) the toll collector confirmed that the carpool vehicle occupancy rules were fulfilled.
2. Updated description of ETC\_READ\_PERFORMANCE and ETC\_WRITE\_PERF fields of the Transaction File to include \* as a valid value if this data is unavailable.
3. Added value of \* to the ETC\_TAG\_PGM\_STATUS field of the Transaction File. This value indicates that the transaction is for an untagged violation or that the data is unavailable.

#### **Version 1.0 (08/19/1998)**

Original Document

## A. Agency Codes

For the list of Agency Codes, please refer to the latest Spreadsheet entitled:

*IAG Inter-CSC Files - Appendix YYYY-MM-DD.xls*

Where YYYY-MM-DD represents the update date of the Appendix document.

## **B. Plaza Codes**

For the list of Plaza Codes, please refer to the latest Spreadsheet entitled:

*IAG Inter-CSC Files - Appendix YYYY-MM-DD.xls*

Where YYYY-MM-DD represents the update date of the Appendix document.

## **C. Class Codes**

For the list of Class Codes, please refer to the latest Spreadsheet entitled:

*IAG Inter-CSC Files - Appendix YYYY-MM-DD.xls*

Where YYYY-MM-DD represents the update date of the Appendix document.

## D. Inter-CSC Network Topology

For the Inter-CSC Network Topology, please refer to the latest Spreadsheet entitled:

*IAG Inter-CSC Files - Appendix YYYY-MM-DD.xls*

Where YYYY-MM-DD represents the update date of the Appendix document.

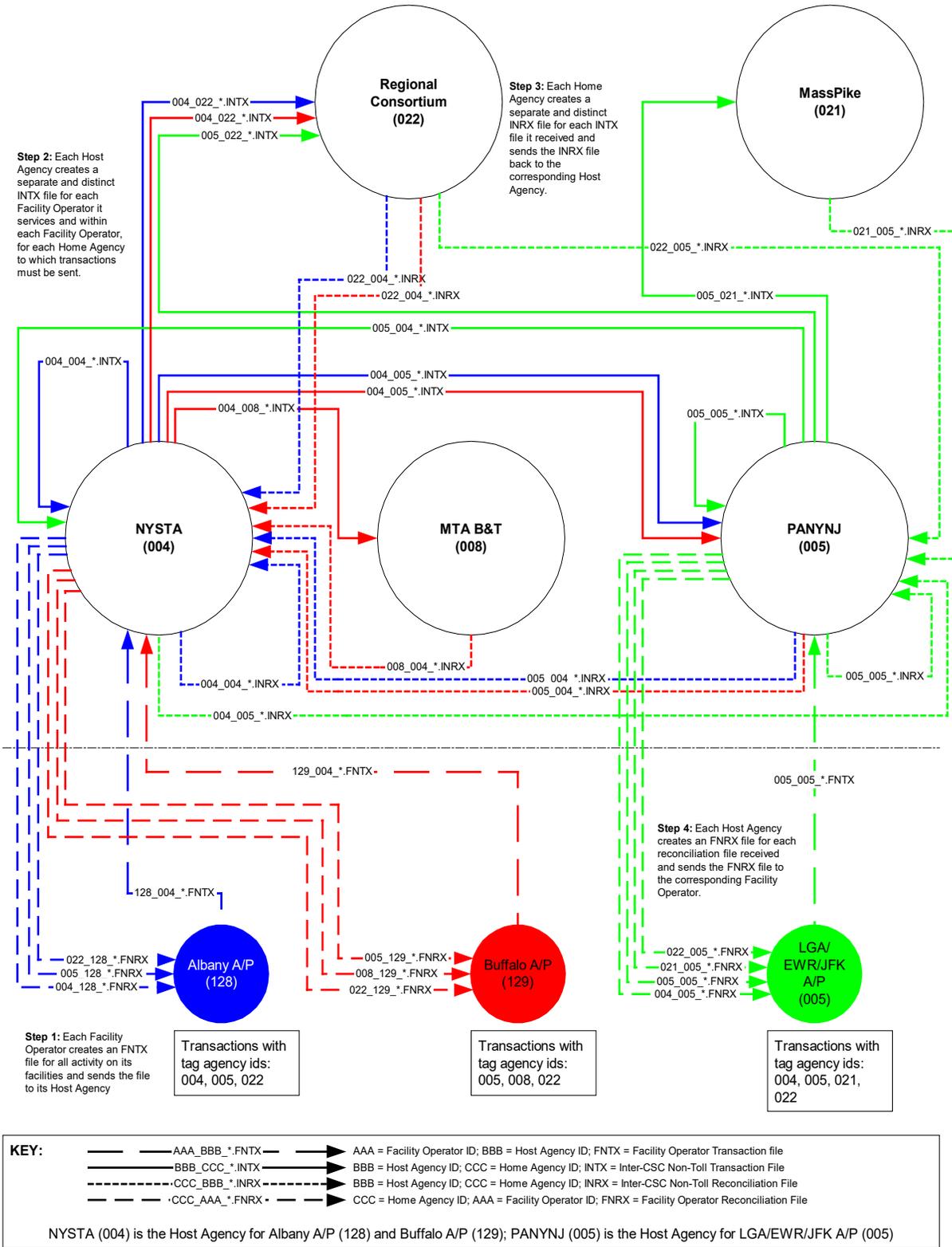
## E. CSC/Agency Cross Reference

For the CSC/Agency Cross Reference, please refer to the latest Spreadsheet entitled:

*IAG Inter-CSC Files - Appendix YYYY-MM-DD.xls*

Where YYYY-MM-DD represents the update date of the Appendix document.

## F. Non-Toll Transaction Flow



The Non-Toll transaction and reconciliation data flow is as follows:

1. On a nightly basis, the Facility Operator systems gather their non-toll transactions and create FO Transaction Files (FNTX) and transmit them to their Host CSC.
2. The Host CSC processes the FO Transaction File and transmits an Acknowledgement File (ACK) and FO Distribution File (FNDX) to the Facility Operator systems (not shown in the figure above).
3. The Host CSC creates INTX files from the FO Transaction File (FNTX) and transmits them to their corresponding Home CSCs (004\_022\_\*.INTX, etc.). Internally, the Host CSC creates INTX files for tags associated with its own accounts as well (004\_004\_\*.INTX and 005\_005\_\*.INTX).
4. Each CSC, including the Host CSC, posts the E-ZPass Plus transactions valued at < \$20 to the customer's accounts.
5. Each CSC, including the Host CSC, transmits the E-ZPass Plus transactions valued at >= \$20 to their credit card processor.
6. The credit card processor responds to each transaction received indicating whether the transaction was authorized or declined.
7. If the transaction was declined by the credit card processor, the Home CSC flags the associated E-ZPass account as no longer participating in E-ZPass Plus and a notice is generated to the customer informing them that their credit card was declined and requesting a new card be added to the account.
8. The Home CSC creates an INRX file reconciling the data from the INTX file back to the Host CSC (022\_004\_\*.INRX, etc.). The Host CSC creates an INRX file for the transactions processed against its own accounts as well (004\_004\*.INRX and 005\_005\_\*.INRX).
9. For each INRX file received (including the ones the Host CSC generated), the Host CSC creates an FO Reconciliation File (FNRX) and transmits it to the Facility Operator system.
10. The Facility Operator system processes each FO Reconciliation File (FNRX) and updates its database with the information found.
11. Transactions which reconciled back with a code indicating that they were declined by the credit card processor (code of DECL) or with a code indicating that the E-ZPass account no longer has a credit card associated with it (code of NOCC) are kept in a holding queue.
12. Because the E-ZPass account for declined transactions was flagged as no longer participating in E-ZPass Plus, the next FO Tag Status File (FTAG) transmitted by the Host CSC will not include any tags from that account.
13. On a daily basis, the Facility Operator system compares the holding queue to the latest FO Tag Status File (FTAG). If a transaction in the holding queue has a tag that is found in the FO Tag Status File (FTAG), it is an indication that the customer has put a new credit card on their E-ZPass account. Therefore, the Facility Operator system will take this transaction out of the holding queue and will include it in an FO Correction File (FTXN) for transmission to the Host CSC with a CORR\_REASON value of 06 indicating a resubmission.
14. The FO Correction File (FTXN) is processed in the same manner as an FO Transaction File (FNTX) with corresponding FO Distribution Files (FNDX), ITXN and IRXN Files and FO Correction Reconciliation Files (FRXN).

Per IAG guidelines, a transaction can only be resubmitted in an FO Correction File once. Therefore, if the transaction is rejected a second time as DECL or NOCC, the Facility Operator will not be able to pursue payment for the transaction from the Host CSC. Instead, the Facility Operator may issue a manual request to the Home CSC for the associated customer's name and address information so as to contact the customer for any fees due.

## G. Acknowledgement File RETURN\_CODE Values

For the list of Acknowledgement File RETURN\_CODE Values, please refer to the latest Spreadsheet entitled:

*IAG Inter-CSC Files - Appendix YYYY-MM-DD.xls*

Where YYYY-MM-DD represents the update date of the Appendix document.

## H. Inter-CSC Dispute Policy

### Version 4

Approved by the EMC under Resolution 2021-04-02 on 04/08/2021

This operational policy details how a transaction dispute presented by an E-ZPass customer to their Home agency is generally handled when the transaction occurs at an Away facility. Where permitted, the Home agency will deduct from the Away settlement (or “Pass Back”) any credits applied to the customer’s account.

**NOTE: Home Agencies should refer their customers with PTC transaction disputes to the PTC Customer Service Center. If PTC accepts the dispute, they will credit the Home customer by submitting a transaction correction file to the Home agency for processing. While the Home agency may credit their customer directly, this transaction adjustment will not be eligible for Pass Back to PTC under this Policy.**

Terms are as defined in the IAG Reciprocity Agreement and Inter-CSC Interface File Reporting Specifications.

Exceptions to any portion of this Policy may be made by specific agreement between the affected parties.

This policy is not intended to contradict any Member’s internal policy or to interfere with a Member’s ability to collect a published toll.

### General Rule # 1: Responsibility of Handling Disputes

**E-ZPass Customer disputes will be handled by customer’s Home Agency CSC (i.e.: where the customer’s account is managed) unless otherwise noted in General Rule # 1a.**

Home agencies should manage their customer disputes in accordance with their own guidelines. The responsibility of assessing reasonableness and preventing abuse remains with the customer’s Home agency (e.g. reasonably avoid nonsense disputes). In order for a Home agency to assess reasonableness, it is expected that they be familiar about relevant toll structures and policies of Away agency.

Away agencies are expected to make relevant toll structures and policies available, and the acceptance of the dispute lies with the Away agency or automated as described within this policy.

### General Rule # 1a: Exception(s) to this Policy

#### **Pennsylvania Turnpike (PTC)**

Home Agencies should refer customers with PTC transaction disputes to the PTC Customer Service Center. If PTC accepts the dispute, PTC will credit the Home customer by submitting a transaction correction file to the Home member for processing. While the Home member may elect to credit their customer directly in accordance with their own guidelines, this transaction adjustment will not be eligible for automatic Pass Back to PTC under this Policy. PTC transaction disputes are wholly at PTC’s discretion due to bonding language, and are never eligible for Pass Back.

### General Rule # 2: Acceptable Reasons for Pass Back

**There are certain acceptable reasons for passing back adjustments due to a customer dispute.**

While the Home agency checks the customer dispute claim for reasonableness, the Away agency determines whether they will accept the adjustment passed back as these adjustments normally result in a reduction to their toll revenue. In Table 1 below, definitions are provided of the types of known (typical) disputes and the indication as to whether or not the dispute adjustments may be deducted from settlement. As stated above, exceptions to this rule may be made when specifically agreed to by the affected agencies.

### General Rule # 3: Acceptable Timeframes for Pass Back and Dispute Handling

**This covers the time to file and respond to filed disputes. For the purposes of this General Rule “days” is defined as calendar days (including federal and state holidays – holidays may vary by state, with the day to respond to be on the following business day if a calendar day falls on a weekend or holiday).**

A Home agency may deduct from settlement the credit given to Home customers for disputed transactions which occurred during the most recent three calendar months plus the current month of the settlement period (90 days + current)<sup>1</sup>.

Individual member agencies have different policies and/or Account Terms and Conditions regarding how long after the toll transaction date that they will accept a customer’s dispute. Independent of member agency policies, the IAG membership has established a common policy for IAG member timeframes. For example, a member which issues quarterly statements, this covers the previous 90 days, the month of statement issuance would be current, but that may extend into another month depending upon timing of issuance, mail issues, and customer response time.

The Away agency must approve, deny, or request additional information within the following timeframe(s):

- 14 days for disputes valued at or below \$100.00 per transaction.
- 30 days for disputes valued where the per transaction and/or total sum of dispute equals or exceeds \$100.01.

If no response is provided by the Away agency within the above parameters, the Home agency may process the dispute as pre-approved. The Home and Away agency may extend the parameters above by mutual agreement.

For Pass Backs that are preapproved by the Away agency, the Home agency will comply with IAG-6 report timing as described in Table 2.

#### **General Rule # 4: Limitations on Multiple, Repeated, or Large Dollar Credits**

**This policy provides limitations on allowable Pass Back transactions due to volume, size, or patterns of particular accounts. These limitations are associated with specific dispute reasons and are detailed in Table 1.**

Limitations have been allowed due to some agency concerns that certain customers may attempt to ‘work around’ paying legitimate tolls by continually submitting disputes, failing to replace defective tags, failing to update license plates. Additionally, some agencies maintain strict dispute policies and require some limits against the risks of a Home agency with an excessively liberal credit policy.

#### **General Rule # 5: Limitations on Individual Credits**

**This policy also provides limitations on allowable Pass Back transactions for individual transactions, as detailed in Table 1.**

The Home agency must use the Away agencies’ published toll schedules to determine the appropriate credit amount for each disputed transaction. Failure to do so may result in a denial of the credit passed back by the Away agency. For ticketed system transactions where the point of origin is unknown (maximum fare was charged), the Home agency may accept the customer’s word as to the entry point. However, for reasonableness, the Home agency should review prior travel patterns of this customer for similar trips. For duplicate transactions or erroneous violation tolls, the entire amount of the transaction may be credited.

#### **General Rule # 6: Required Reporting**

**The settlement of disputed toll adjustments is based on the IAG-6 Inter-CSC Disputed Toll and Adjustments Report. The Home agency must also provide to the Away agency in an Excel spreadsheet of all disputed transactions to be included in the settlement.**

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<sup>1</sup> Establishing a restriction encourages Home agencies to process disputes timely, and also limits the Away agencies’ liability for issues that may have occurred in prior reporting periods.

The purpose of the spreadsheet is to provide the Away agency with a tool to perform an analysis of the items being disputed; the excel document can be sorted and analyzed in a way that allows the Away agency to identify problems within their lanes, or, problems with the dispute being claimed. The excel spreadsheet should contain all of the information on the IAG-6 and must tie to it. The spreadsheet must also indicate customer account number, tag number, original transaction amount, corrected transaction amount, and the amount of the adjustment applied for each transaction. The only dispute reasons that may appear on the report are the acceptable reasons noted in Table 1, or by agreement between the affected agencies. The Home agency must provide the Excel spreadsheet and the IAG-6 Report to the Away agency within 20 calendar days after the settlement period – please refer to Table 2.

**General Rule # 7: Settlement Frequency and Schedule**

**Settlement of disputed toll adjustments shall be no more frequently than monthly. Settlement for a particular month occurs on a one-month lag from the current month of toll revenue settlement.**

The one-month lag period for settlement allows the Home agency more time to produce the required reports and the Away agency more time to review the reports. It does not extend the period of time that disputed transactions may be included as indicated in General Rule #3. Illustration of timeframes is shown in Table 2.

**General Rule # 8: Settlement with the Adoption of this Policy**

Upon adoption of this Disputed Toll Adjustment Policy by the IAG, the agencies will follow the agreed upon rules going forward. No retroactive adjustments will be applied to a current settlement.

**Table 1: Reasons for Disputes**

Item #	Reason or Type of Txn	Automatic Pass Back? <sup>2</sup>	Allowable Credit	Description / Comments
1.	Maximum Toll	Yes	Max fare minus Correct fare up to \$100 per transaction. Credit allowable for up to 20 transactions per tag/plate for a settlement period.  <b>Repeat occurrences for the same plate/tag require Pre-Approval.</b>	Applies to agencies with a ticketed [closed, non-barrier] system with variable entry points and where the toll fare is based upon a point-to-point schedule. A "maximum toll" dispute occurs when the agency employs a "lost ticket" penalty, such as when a tag does not read on entry, and either the tag read on exit or the customer was correctly identified from a license plate read. In these cases, the customer may have been charged a toll from the furthest point on the facility. The Home agency must review account history to identify and resolve tag read problems in a timely manner. The Away agency reserves the right to deny repeat or cumulative disputes if it is determined that no action was taken by the customer or home agency to correct the problem
2.	U-Turns	No		Applies to agencies with a ticketed system with variable entry points. Maximum fare is charged when the entry and exit transaction location is the same.
3.	Paid Cash	Yes	Up to \$100 per transaction. Credit allowable for up to 20 transactions per tag/plate for a settlement period.  valid receipt only	Home Agency must provide receipt(s) to Away Agency upon request within 60 days.
4.	Resident, Commuter, Permit discount plans	No		The customer believes they should have received a toll rate based upon a resident, commuter, or permit plan offered by the Away Agency. This is usually a Home agency issue and they should review the account and determine that the plan was applied correctly. If the determination was that this was not a Home Agency error, then the plan offering Away Agency should be consulted for possible correction.

<sup>2</sup> Automatic Pass Back?: A **Yes** in this column represents the operational freedom to process a dispute without any contact to the Away Agency within the conditions and/or parameters described in "Allowable Credit" and/or "Description / Comments" in this table. An exception to the toll dispute policy exists for the Pennsylvania Turnpike Commission (PTC) as indicated in this policy and under General Rule #1. A **No** in this column invokes the requirement of contact with the Away Agency with all appropriate documentation as requested and invokes General Rule #3.

**Inter-Customer Service Center Interface File and Reporting Specifications  
Appendix H – Inter-CSC Dispute Policy**

Item #	Reason or Type of Txn	Automatic Pass Back? <sup>2</sup>	Allowable Credit	Description / Comments
5.	The customer is being charged differently than the vehicle driven.	No		<p>The customer is being charged differently than the vehicle they are driving. This can be the result of:</p> <ol style="list-style-type: none"> <li>1. Customers placing an incorrect tag on a vehicle</li> <li>2. CSCs issuing the wrongly classed tag</li> <li>3. AVC classification error</li> </ol> <p>When a customer disputes a toll caused by (1) an incorrect tag or (2) a wrongly classed tag, the Home Agency can consider adjusting the toll as part of their customer service policies. Reimbursement from the Away Agency can be pursued but this will require preapproval from the Away Agency.</p> <p>(3) Automated Vehicle Classification Systems, or AVC, will sometimes not accurately reclassify a transaction (i.e. rooftop storage or trailers obscuring the actual classification.) In some circumstance this can be caused by the Away Agency AVC logistics. However, it is the Home Agency responsibility to gain preapproval from the Away Agency prior to requesting reimbursement for this type of dispute.</p>
6.	Duplicate  (for 2 or more transactions from tags or accounts managed from the <u>same</u> customer service center)	Yes	Full transaction amount	<p>Because the toll evidence of this dispute can be seen by the Home agency, the results of the Home agency's review will be sufficient to determine if a Duplicate transaction has occurred.</p> <p>Occurring under the following circumstance for 2 or more transactions from tags or accounts managed from the same customer service center:</p> <ol style="list-style-type: none"> <li>1. Tag and Tag – The same tag reads twice within the time limit specified by the Inter-CSC File and Reporting specification, section 6.5.1 "Transaction File, Processing Requirements".</li> <li>2. Tag and Plate - Plate and tag read from the same account within the time limit specified by the Inter-CSC File and Reporting specification, section 6.5.1 "Transaction File, Processing Requirements".</li> <li>3. Multiple tag charges from the same vehicle. This is usually the result of multiple tags being transported by one vehicle and can be seen as: <ul style="list-style-type: none"> <li>- 2 or more tags being read from the same account</li> <li>- 2 or more tags being read from 2 or more accounts for the same customer.</li> <li>- 2 or more tags being read from 2 or more accounts from different customers. (i.e., a husband and wife with different accounts, or other examples of personal or business accounts reasonably related.)</li> </ul> </li> </ol>

**Inter-Customer Service Center Interface File and Reporting Specifications  
Appendix H – Inter-CSC Dispute Policy**

Item #	Reason or Type of Txn	Automatic Pass Back? <sup>2</sup>	Allowable Credit	Description / Comments
7.	Duplicate  (for 2 or more transactions from tags or accounts managed by <u>different</u> customer service centers)	Yes. With statement evidence.	Full transaction amount	<p>Traveling with tags from multiple CSCs can sometimes result in a duplicate customer charge. Often this occurs when a tag is not safeguarded in its individual foil bag.</p> <p>It is difficult to know which CSC the customer will call to get a particular duplicate tag charge corrected. Accordingly, the inquiring customer will be directed to call the CSC of the agency they are seeking to receive the toll charge reversal. For example, a customer traveling with 2 tags from the New York and Maine CSCs incurs 2 charges on a Ohio roadway. If the customer calls the Ohio CSC, he will be directed to call either the NY or Maine CSCs to seek reversal of one of the tolls.</p> <p>The customer will be asked to provide copies of statements as evidence of the duplicate charge. In this example, if he calls the NY CSC, he will need to submit his Maine statement showing the same toll charge. The NY CSC can request a NY statement or refer to its own records. This proof submission of the 2 or more statements containing the same or similar charge should be sufficient enough to allow the NY CSC to receive reimbursement from Ohio for NY's reversal of the "NY on Ohio" toll. The "Maine on Ohio" toll is not reversed but will remain as the customer's payment for the Ohio toll.</p> <p>(Conceivably, customers could wrongfully request reimbursement from <u>both</u> CSCs. Control of this is best done by having internal CSC guidelines which limit repeated customer reimbursement requests involving the same customer behavior, i.e., 2 tags in 1 vehicle.)</p>
8.	Tag Return	Yes	Full transaction amount	<p>If a tag is charged while in the transport of a mail truck (US Postal or private mail carrier) the Away Agency will accept the pass-back.</p> <p>The Home Agency should reasonably determine that the tag was scheduled for mail delivery</p>
9.	Car Carrier / Tow Truck	Yes	With Proper Documentation up to \$100 per transaction	<p>When a tag is charged incorrectly while in the transport of a tow truck, flat-bed, or a car carrier, the Home Agency shall ensure due diligence by obtaining from the customer the bill of lading and/or other document(s) to verify the transport.</p> <p>Home Agency must provide documentation to Away Agency upon request within 60 days.</p>
10.	Lost / Stolen	No		<p>Tags reported lost or stolen may result in charges due to normal Tag Status update and download timing differences. This is not a reason for automatic pass-back.</p>
11.	Image Toll or Manual Toll	No		<p>A toll is processed to a customer from an image, but the customer was identified incorrectly.</p> <ol style="list-style-type: none"> <li>1. The wrong license plate was identified resulting in the wrong customer being charged.</li> <li>2. A state may issue a variety of different license plate types, i.e., Veteran, Medical, Honorary, etc., and license plate serial numbers may be repeated across these types. When the correct serial number is identified by an Away Agency but is assigned to the wrong customer's plate type, this error may repeat across plazas and result in multiple incorrect charges to a customer.</li> </ol> <p>A toll is processed to a customer's transponder account via some form of manual input or handheld reader, but is identified incorrectly</p> <ol style="list-style-type: none"> <li>3. The wrong transponder number was transcribed by the toll collector (e.g. gated manual tolls).</li> </ol>

**Inter-Customer Service Center Interface File and Reporting Specifications  
Appendix H – Inter-CSC Dispute Policy**

Item #	Reason or Type of Txn	Automatic Pass Back? <sup>2</sup>	Allowable Credit	Description / Comments
12.	Preapproval	Yes	As per this Policy or as otherwise agreed between agencies.	<p>The Home Agency can seek Away Agency preapproval for any dispute which is not permitted automatic pass-back.</p> <p>The Away Agency is expected to apply reasonable judgments in their considerations of when to pre-approve a disputed toll for pass-back.</p> <p>Disputes processed under General Rule #3 are included with this transaction type.</p>

**Table 2: Settlement Timing for Disputed Tolls**

Dispute Settlement Period	Original Dates of Transactions Disputed	IAG-6 Report and Spreadsheet Due Date	Approximate Payment Date <sup>3</sup>
January	October 1 – Jan. 31	February 20	April 9
February	November 1 – Feb. 28	March 20	May 9
March	December 1 – Mar. 31	April 20	June 9
April	January 1 – April 30	May 20	July 9
May	February 1 – May 31	June 20	August 9
June	March 1 – June 30	July 20	September 9
July	April 1 – July 31	August 20	October 9
August	May 1 – August 31	September 20	November 9
September	June 1 – Sept. 30	October 20	December 9
October	July 1 – Oct. 31	November 20	January 9
November	August 1 – Nov. 30	December 20	February 9
December	September 1 – Dec. 31	January 20	March 9

For preapproved disputed toll Pass Backs, the Home agency has 60 days from the date of approval to submit the IAG-6 report. The settlement schedule of the preapproved Pass Back will be the same as other Pass Backs included on the report.

Individual agencies may have different policies and/or Account Terms and Conditions regarding how long after the toll transaction date that they will accept a customer's dispute. And since some agencies issue bimonthly statements, or do not provide detail transaction on-line, and given that reciprocity tolls may be delayed in posting up to 60 days, a customer might not realize an error has been made for some time. Independent of liberal Home agency policies, the IAG has established a common, conservative yet reasonable policy for timeframes.

<sup>3</sup> Disputed toll amount may be adjusted to a current toll settlement.

## I. ICLP File LIC\_STATE Values

For the list of ICLP File LIC\_STATE Values, please refer to the latest Spreadsheet entitled:

*IAG Inter-CSC Files - Appendix YYYY-MM-DD.xls*

Where YYYY-MM-DD represents the update date of the Appendix document.