Inter-Customer Service Center

Interface File and Reporting

Specifications

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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 exchange the necessary data allowing customers to use any participating agency's facilities while maintaining a single account and to have all toll activity be shown on that account's statement.

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.
Transaction File	ICTX	Created by the Away Agency/CSC to inform the Home Agency/CSC of all toll transactions occurring at Away Agency facilities for valid tags and license plates belonging to the Home Agency.
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 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 and/or to resubmit rejected transactions.
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 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 transaction.
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.

File Name	File Extension	File Usage
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)

1.1   Agencies and Agency IDs

The E-ZPass Group assigns permanent "Agency IDs" to Full Members as well as Sponsored Affiliates. Conversely, the terms "Home Agency" and "Away Agency" are examples of agency "types" which are used in the description of a transaction process. As such, an agency will be referred to as a particular type depending on the nature of the transaction or context of the reference. Likewise, the Agency ID will take on different names depending on the agency type in the transaction or context. Throughout this document, there will be references to various types of Agencies and Agency IDs and the following definitions are used:

- **Home Agency** – the entity that manages/owns the customer account to which a tag or plate is associated and who is obligated (per IAG toll guarantee business rules defined elsewhere) to pay tolls incurred by those tags and plates. The Agency ID is referred to as the Home Agency ID.

- **Away Agency** – the entity that sent the toll transaction to the Home Agency and to whom the toll payments are due. This may or may not be the entity that own/operates the toll facility on which the toll transaction was generated. The Agency ID is referred to as the Away Agency ID.

- **Facility Agency** – the entity that owns or operates the toll facility on which the toll transaction was generated. This may or may not be the Away Agency depending on various business arrangements between the Facility Agency and the Away Agency. The Agency ID is referred to as the Facility Agency ID.

- **Tag Agency** – the entity that purchased the tag from the manufacturer for issuance to a customer. This may or may not be the Home Agency. The Agency ID is referred to as the Tag Agency ID.

- **CSC ID** – The identifier assigned to a specific Customer Service Center. This is typically analogous to the Home Agency ID except for CSCs that host multiple Home Agencies (such as the NY CSC). In such a case, one of the Home Agency IDs is assigned as the CSC ID.

- **From Agency** – As used in the IAG Inter-CSC File and Reporting Specifications, the From Agency (and associated From Agency ID) is the Agency or CSC that created a file and transmitted it to another entity.

- **To Agency** – As used in the IAG Inter-CSC File and Reporting Specifications, the To Agency (and the associated To Agency ID) is the Agency or CSC that received a file from the From Agency.

Sponsored Affiliates cannot be Home Agencies, Away Agencies or Facility Agencies. For the purposes of Home Agency, Away Agency or Facility Agency identification, the Agency ID of their sponsoring Agency is used. However, Sponsored Affiliates can issue tags with their assigned Agency ID and, in such a case, the tags would be associated with their sponsoring Agency and the associated Home Agency ID would be that of the sponsoring Agency.

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 associated tag(s) and the Away agency is any agency that is not the customer's Home agency (though, typically, the Away Agency is the Agency on whose toll facility a transaction transpired). 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 CSCs 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.

8. All date/time values (unless otherwise noted) shall utilize Coordinated Universal Time (aka UTC).

9. Fields with values whose lengths are less than the maximum supported by the field shall be right padded with trailing blanks unless otherwise specified.

10. File data utilizes ASCII characters only. The following field Types are utilized:

    a) CHAR contains alphanumeric data, is left justified and padded with trailing spaces (ASCII 32) unless otherwise specified.

    b) NUM contains numeric data only (digits 0 to 9) and filled with leading zeroes unless otherwise specified. However, can also contain asterisks if not provided/available.

3.0   Tag Status File

3.1   File Type

Variable length, LF delimited

3.2   File Name

{FROM_AGENCY_ID}_YYYYMMDDHHMMSS.ITAG

Example: 0008_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
VERSION	CHAR(8)	File format/content version. Format: ##.##.##
FROM_AGENCY_ID	NUM(4)	Standard agency ID code of the Home Agency/CSC (See Appendix E, Column A)
FILE_DATE_TIME	CHAR(20)	Date/time file created and formatted per ISO-8601 as shown below. Format: YYYY-MM-DDThh:mm:ssZ
RECORD_COUNT	NUM(10)	Count of all tags in file. Does not include header record. Values: 0000000001 – 9999999999
DELIMITER	CHAR(1)	LF
Header Total	**47**	

Tag Status File – Detail Structure		
Field Name	**Type/Size**	**Description/Valid Values**
TAG_AGENCY_ID	NUM(4)	The agency ID encoded on the transponder. Values: 0000 – 9999
TAG_SERIAL_NUMBER	NUM(10)	The serial number encoded on the transponder. Values: 0000000001 – 9999999999
TAG_STATUS	NUM(1)	1 – Valid 2 – Valid (Low Balance) 3 – Invalid (Zero/Negative Balance). Refer to Section 3.5, Processing Requirement #6, for details.

Tag Status File – Detail Structure		
Field Name	**Type/Size**	**Description/Valid Values**

TAG_ACCT_INFO	CHAR(6)	A string of 24 bits (3 characters) converted to Hex-ASCII format (6 characters). The 24 bits represent the following:
		
		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
		
		Bit 2 – 23: Discount bits
		    1 – Tag has associated discount plan
		    0 – Tag does not have associated plan
		
		    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: Reserved
		        Bit 8: Reserved
		        Bit 9: Reserved
		        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 – 22: Reserved (must be set to zero)
		        Bit 23: Florida Non-Revenue
		
		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
		
		Note that at this time, Bit 24 should be set to 0.
		
		For example, a tag that is valid for E-ZPass Plus Parking and has the PANYNJ Carpool Plan would have the following bit-string:
		
		    000000000000000000001001
		
		Converted to a Hex-ASCII string for this field, it would be:
		
		    000009

TAG_HOME_AGENCY	NUM(4)	The ID assigned to the Home Agency. This is the Agency/CSC that manages the customer account to which toll charges may be posted. The addition of this field will support the concept of tag portability – the ability of a customer to register a tag already in their possession to an account at an Agency/CSC other than the one that is associated with the TAG_AGENCY_ID. This can also support allocation/split of a TAG_AGENCY_ID from one Home Agency to another should an agency be approaching its serial number limit. Values: 0000 – 9999 (See Appendix E, Column C)

Tag Status File – Detail Structure		
Field Name	**Type/Size**	**Description/Valid Values**
TAG_AC_TYPE_IND	CHAR(1)	Used to denote the account type to aid Away Agencies/CSCs in processing transactions and researching processing issues. Note that in some cases, based on Home Agency/CSC business rules, more than one of the values below may be applicable. In such a case, it is up to the Home Agency/CSC to determine the most relevant value. Values: B – Business/Commercial account with a large number of vehicles (where large is defined by Home Agency/CSC business rules) F – Fleet account (e.g., rental car, etc.) where there is a potential that the same transponder (or license plate) could be temporarily placed on another account or also exist on an account local to the Away Agency/CSC P – Private account with a small number of vehicles (where small is defined by Home Agency/CSC business rules) V – Violation avoidance account with a large number of license plates and a small number of transponders (if any) used to generate I-Tolls in place of violations or video toll invoices. This includes consolidated plate based mobile app accounts. R – Retail transponder that has not yet been registered or is not active when sold. Would only be associated with tags with a TAG_STATUS value of 3. Home Agencies publishing these tags would allow transactions to be sent for them and they may or may not post depending on financial status at the time of posting. If they do not post, the Away Agency should pursue through their normal plate-based transaction processes. * – Account type is unknown/not available
TAG_ACCOUNT_NO	CHAR(50)	A freeform field containing, the unique account number at the Home Agency/CSC of the associated tag data. Must be provided for all E-ZPass Home Agencies. May not be provided for all NIOP agencies. If not available/provided, will be filled with asterisks (*). For CSCs generating this file under ver 1.51, this field shall be asterisks. For CSCs generating this file under ver 1.60 and later, this field shall be filled with the actual value used by that CSC, left justified and padded with trailing spaces (meaning that if the CSC uses a 10 digit number to represent accounts, this field should contain those 10 digits followed by 40 spaces). However, the CSC could choose to right justify and fill with leading zeroes.
TAG_PROTOCOL	CHAR(3)	The protocol(s) supported by the transponder. Values: T – TDM S – SeGo 6 – 6C TS – TDM/SeGo T6 – TDM/6C S6 – SeGo/6C TS6 – TDM/SeGo/6C *** – Not Available Note: If a transponder supports multiple protocols and the TAG_AGENCY_ID/TAG_SERIAL_NUMBER combination differs between protocols, there should be one record in the ITAG file for each unique combination of TAG_AGENCY_ID/ TAG_SERIAL_NUMBER used by the transponder. Note: Any linkage of the multiple records would be done via a manifest file provided by the transponder manufacturers and is outside the purview of this specification. For CSCs generating this file under ver 1.51, this field shall be asterisks. For CSCs generating this file under ver 1.60 and later, this field shall be populated with a non-asterisk value.

Tag Status File – Detail Structure		
Field Name	**Type/Size**	**Description/Valid Values**
TAG_TYPE	CHAR(1)	The type of transponder. Values: F – Feedback (supports sounds, LEDs and/or LCD) G – Feedback and Switchable H – Hardcase including portable hangtag transponders S – Switchable (supports occupancy selection) T – Sticker (non-portable) V – Vehicle Integrated such as the rearview mirror module. Would have a TAG_MOUNT value of "V". If the unit supported Feedback and/or Switchable capabilities, then values of 'F', 'G' or 'S' should be used here instead. * – Not Available For CSCs generating this file under ver 1.51, this field shall be asterisks. For CSCs generating this file under ver 1.60 and later, this field shall be populated with a non-asterisk value.
TAG_MOUNT	CHAR(1)	The typical mounting location of the transponder: Values: I – Interior L – License Plate R – Roof Mount H – Headlamp V – Vehicle Integrated * – Not Available For CSCs generating this file under ver 1.51, this field shall be asterisks. For CSCs generating this file under ver 1.60 and later, this field shall be populated with a non-asterisk value.
TAG_CLASS	NUM(4)	The IAG class expected to be encoded in the transponder. See Appendix C (Column G) for valid values. **** if not available. For CSCs generating this file under ver 1.51, this field shall be asterisks. For CSCs generating this file under ver 1.60 and later, this field shall be populated with a non-asterisk value.
DELIMITER	CHAR(1)	LF
Record Total	**86**	

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. Removed.

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 an 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 transmission
   ▪ Unusual change in number of tags with a particular tag status

6. The Home Agency/CSC shall include information for all tags which it manages and for which it will accept transactions for processing and potential posting to its customer accounts. Tags shall have their TAG_STATUS values set as follows:

   1 – Valid: Tag is valid for use and associated transactions will have their tolls guaranteed regardless of posting status.

2 – Valid (Low Balance): The same as a value of '1' but the account's prepaid balance has reached a level that should trigger appropriate driver feedback (if supported by the Away Agency).

3 – Invalid (Zero/Negative Balance): The account associated with the tag does not currently have a sufficient balance and transactions should not be sent and will not be honored. However, for transactions generated while a tag was in this status, if the tag has returned to a Valid status ('1' or '2'), the Away Agency/CSC can send the associated transaction to the Home Agency/CSC for possible posting. Under such a condition, tolls are not guaranteed and should only be due if the transaction can be posted. Refer to Processing Rules #10 and #11 in Section 6.5 for additional details.

7. A CSC which manages 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 (values of '3' or '4' (see ITGU)) shall override any of the E-ZPass Plus status bits.

11. A unique record in a single ITAG file or across ITAG files is based on the combination of TAG_HOME_AGENCY, TAG_AGENCY_ID and TAG_SERIAL_NUMBER. As such, it is valid to have the same TAG_AGENCY_ID and TAG_SERIAL_NUMBER values in the same ITAG or across ITAG files so long as the addition of the TAG_HOME_AGENCY makes the record unique. The general expectation for multi-protocol tags is that all protocols on the tag share the same TAG_SERIAL_NUMBER value. In addition, the TDM and 6C portions should share the same TAG_AGENCY_ID value. The SeGo region/agency 16-bit value would be converted to a 4-digit value that would be the same as the TDM/6C TAG_AGENCY_ID value based on the table found in Appendix K.

4.0   Tag Status Update File

4.1   File Type

Variable length, LF delimited

4.2   File Name

{FROM_AGENCY_ID}_YYYYMMDDHHMMSS.ITGU

>   Example: 0008_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.

The contents of the Tag Status Update File do not impact the toll guarantee established by the last Tag Status File (ITAG) referenced in PREV_FILE_DATE_TIME.

4.4   File Layout

Tag Status Update File – Header Structure		
Field Name	**Type/Size**	**Description/Valid Values**
FILE_TYPE	CHAR(4)	ITGU
VERSION	CHAR(8)	File format/content version. Format: ##.##.##
FROM_AGENCY_ID	NUM(4)	Standard agency ID code of the Home Agency/CSC (See Appendix E, Column A)
FILE_DATE_TIME	CHAR(20)	Date/time file created and formatted per ISO-8601 as shown below. Format: YYYY-MM-DDThh:mm:ssZ
PREV_FILE_DATE_TIME	CHAR(20)	Date of the Tag Status File (full) for which this is an update and formatted per ISO-8601 as shown below. Format: YYYY-MM-DDThh:mm:ssZ
RECORD_COUNT	NUM(10)	Count of all tags in file. Does not include header record. Values: 0000000001 – 9999999999
DELIMITER	CHAR(1)	LF
Header Total	**67**	

Tag Status Update File – Detail Structure		
Field Name	**Type/Size**	**Description/Valid Values**
TAG_AGENCY_ID	NUM(4)	The agency ID encoded on the transponder. Values: 0000 – 9999
TAG_SERIAL_NUMBER	NUM(10)	The serial number encoded on the transponder. Values: 0000000001 – 9999999999
TAG_STATUS	NUM(1)	1 – Valid 2 – Valid (Low Balance) 3 – Invalid (Zero/Negative Balance). Refer to Section 4.5, Processing Requirement #8, for details. 4 – Invalid (Lost, Stolen, Returned, etc.). Tag will not be honored by the Home Agency/CSC.
TAG_ACCT_INFO	CHAR(6)	Refer to the description of TAG_ACCT_INFO in the Tag Status File.
TAG_HOME_AGENCY	NUM(4)	The ID assigned to the Home Agency. This is the Agency/CSC that manages the customer account to which toll charges may be posted for this tag. Values: 0000 – 9999
TAG_AC_TYPE_IND	CHAR(1)	Refer to the description of TAG_AC_TYPE_IND in the Tag Status File.
TAG_ACCOUNT_NO	CHAR(50)	Refer to the description of TAG_ACCOUNT_NO in the Tag Status File.

Tag Status Update File – Detail Structure		
Field Name	**Type/Size**	**Description/Valid Values**
TAG_PROTOCOL	CHAR(3)	Refer to the description of TAG_PROTOCOL in the Tag Status File.
TAG_TYPE	CHAR(1)	Refer to the description of TAG_TYPE in the Tag Status File.
TAG_MOUNT	CHAR(1)	Refer to the description of TAG_MOUNT in the Tag Status File.
TAG_CLASS	NUM(4)	Refer to the description of TAG_CLASS in the Tag Status File.
DELIMITER	CHAR(1)	LF
Record Total	**86**	

4.5 Processing Requirements

1. Removed.

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. The maximum frequency of sending Tag Status Update Files shall be every two (2) hours (i.e., no more than eleven times in a 24-hour period).

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 an 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_TIME does not agree with the date/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 manages and for which it will accept transactions for processing and potential posting to its customer accounts. Tags shall have their TAG_STATUS values set as follows:

   1 – Valid: Tag is valid for use and associated transactions will have their tolls guaranteed regardless of posting status.

   2 – Valid (Low Balance): The same as a value of '1' but the account's prepaid balance has reached a level that should trigger appropriate driver feedback (if supported by the Away Agency).

   3 – Invalid (Zero/Negative Balance): The account associated with the tag does not currently have a sufficient balance and transactions should not be sent. However, for transactions generated while a tag was in this status, if the tag has returned to a Valid status ('1' or '2'), the Away Agency/CSC can send the associated transaction to the Home Agency/CSC for possible posting. Under such a condition, tolls are not guaranteed and should only be due if the transaction can be posted. Refer to Processing Rules #10 and #11 in Section 6.5 for additional details.

   4 – Invalid (Lost, Stolen, Returned, etc.): The tag is no longer associated with an account that accepts transactions. Transactions should not be sent.

9. A CSC which manages 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   Removed

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: 0004_0022_19971201001015.ICTX
                     NYSTA transactions to NJ CSC create on 00:10:15 on 12/01/1997

6.3   File Use

The Transaction File shall be created by the Away Agency to inform the Home Agency of all toll transactions occurring at Away Agency facilities for valid and low balance status tags (TAG_STATUS = '1' or '2') as well as license plates belonging to the Home Agency that do not have companion accounts at the Away Agency/CSC. Transactions for Zero/Negative Balance tags (TAG_STATUS = '3') may be included per the Processing Requirements in Section 6.5.

Version 1.51 and earlier never explicitly defined the relationship between the Away Agency, Home Agency and the Agency ID values utilized in the Transaction File (and Correction File) and, subsequently, utilized in the various settlement reports. That is rectified herein with the explicit definition of the FROM_AGENCY_ID as the Agency ID of the Away Agency and the TO_AGENCY_ID as the Agency ID of the Home Agency. These are used here to clearly identify the parties for the file and are to be used in all settlement reports.

6.4   File Layout

Transaction File – Header Structure		
Field Name	**Type/Size**	**Description/Valid Values**
FILE_TYPE	CHAR(4)	ICTX
VERSION	CHAR(8)	File format/content version. Format: ##.##.##
FROM_AGENCY_ID	NUM(4)	The Agency ID of the Away Agency to whom the tolls are owed. See Appendix E, Column E.
TO_AGENCY_ID	NUM(4)	The Agency ID of the Home Agency based on the TAG_HOME_AGENCY associated with the tag or license plate.
FILE_DATE_TIME	CHAR(20)	Date/time file created and formatted per ISO-8601 as shown below. Format: YYYY-MM-DDThh:mm:ssZ
RECORD_COUNT	NUM(8)	Count of transactions in the file. Does not include header record. Values: 00000001 – 99999999
ICTX_FILE_NUM	NUM(12)	A unique sequential number used to identify the Transaction File to the To Agency. Values 000000000001 – 999999999999.
DELIMITER	CHAR(1)	LF
Header Total	**61**	

Transaction File – Detail Structure		
Field Name	**Type/Size**	**Description/Valid Values**
ETC_TRX_SERIAL_NUM	NUM(20)	The unique key of a transaction assigned by the Away Agency/CSC. Values: 00000000000000000000 – 99999999999999999999
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. This is not a UTC value. Format: YYYYMMDD

Transaction File – Detail Structure		
Field Name	**Type/Size**	**Description/Valid Values**
ETC_FAC_AGENCY	NUM(4)	A code indicating the agency which owns/operates the facility on which the transaction occurred. This may or may not be the Away Agency and no such relationship should be assumed. 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 0022. See Appendix E, Column F for valid values.

ETC_TRX_TYPE	CHAR(1)	This field is used to denote the type of transaction.
		
		Values:
		    B – Barrier
		    C – Ticketed Complete
		    X – Ticketed Unmatched Exit

ETC_ENTRY_DATE_TIME	CHAR(25)	The date/time the vehicle entered the facility in the local time zone of the facility and formatted per ISO-8601 as shown below. Format: YYYY-MM-DDThh:mm:ss±HH:MM ************************* for Barrier/Unmatched Exit

ETC_ENTRY_PLAZA	CHAR(15)	The ETC_FAC_AGENCY plaza code of the plaza at which the vehicle entered the facility.
		
		Filled with asterisks (*) 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.
		
		Valid characters in this field are:
		    Space/Blank (decimal 32)
		    Hyphen (decimal 45)
		    Period (decimal 46)
		    Forward slash (decimal 47)
		    Digits 0-9 (decimal 48-57)
		    Colon (decimal 58)
		    Letters A-Z (decimal 65-90)
		    Underscore (decimal 95)
		    Letters a-z (decimal 97-122)

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	NUM(4)	Standard agency ID read from the tag or as retrieved from the Customer License Plate File for a license plate based transaction. Values: 0000 – 9999
ETC_TAG_SERIAL_NUMBER	NUM(10)	Tag serial number read from the tag or as retrieved from the Customer License Plate File for a license plate based transaction. Values: 0000000001 – 9999999999
ETC_READ_PERFORMANCE	NUM(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 Ticketed, this would be from the exit transaction.
ETC_WRITE_PERF	NUM(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 Ticketed, this would be from the exit transaction.

Transaction File – Detail Structure		
Field Name	**Type/Size**	**Description/Valid Values**

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 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 – Manual/ETC
		           C – Manual/ETC with Carpool confirmation
		           O – ORT
		
		For Ticketed, this would be from the exit transaction.

ETC_VALIDATION_STATUS	NUM(1)	The tag status from the tag status file at the time of the transaction.
		
		Values: 1 – Valid
		           2 – Valid (Low Balance)
		           3 – Invalid (Zero/Negative Balance). Refer to Processing Requirement #10 in Section 6.5.
		           * - 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 a license plate-based transaction. The license plate data presented in the record (ETC_LIC_STATE, ETC_LIC_NUMBER and ETC_LIC_TYPE) must have been present in the Customer License Plate File sent by the Home Agency to which this transaction is being sent. ** for tagged transaction.
ETC_LIC_NUMBER	CHAR(10)	License plate number for a license plate-based transaction. ********** for tagged transaction. 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_LIC_TYPE	CHAR(30)	License Plate Type as determined by the Away Agency and matched to the Home Agency data from the ICLP File for a plate-based transaction. Filled with asterisks (*) if not included/available or if the Home Agency did not provide LIC_TYPE in the ICLP file (i.e., it was asterisk filled). If the Home Agency included the LIC_TYPE in the ICLP file, it is expected, but not required, that the Away Agency include that LIC_TYPE here. However, should the ETC_LIC_TYPE not be provided, the Home Agency can choose to process the transaction or reject it based on its own business rules.
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.

Transaction File – Detail Structure		
Field Name	**Type/Size**	**Description/Valid Values**
ETC_ACTUAL_AXLES	NUM(2)	The number of axles associated with the vehicle. Values: 00 – 99 For facilities that do not capture axle count data as part of their class structure, 00 should be used.
ETC_EXIT_SPEED	NUM(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_TIME	CHAR(25)	The date/time the vehicle exited the facility in the local time zone of the facility and formatted per ISO-8601 as shown below. Format: YYYY-MM-DDThh:mm:ss±HH:MM

ETC_EXIT_PLAZA	CHAR(15)	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.
		
		Valid characters in this field are:
		      Space/Blank (decimal 32)
		      Hyphen (decimal 45)
		      Period (decimal 46)
		      Forward slash (decimal 47)
		      Digits 0-9 (decimal 48-57)
		      Colon (decimal 58)
		      Letters A-Z (decimal 65-90)
		      Underscore (decimal 95)
		      Letters a-z (decimal 97-122)

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	NUM(9)	The toll due (in US cents) as calculated by the Away Agency. Values: 000000000 ($0000000.00) – 000499999 ($0004999.99) While this field can physically allow for larger values, it shall support a configurable maximum value (currently defined as $4,999.99). Any values larger than the configurable value detected by the Home Agency/CSC will be rejected with an ETC_POST_STATUS value of RJTA in the Reconciliation File.
DELIMITER	CHAR(1)	LF
Record Total	**202**	

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) transactions (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 (or less based on agreement between the Home and Away Agencies) of the license plate transaction. If a duplicate is found, the appropriate reconciliation code should be used (RJDP – see Transaction Reconciliation File).

    Note that if a tagged transaction is found and used to reject license plate transaction, that tagged transaction should not be used to reject any subsequent license plate transactions. For example, a fleet of three NJ Transit buses traverses a toll plaza within one minute. One is tagged and the other two are not. The tagged transaction posts to the NJ Transit account, the first license plate transaction would get rejected with RJDP. The second license plate transaction should post to the NJ Transit account.

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 TAG_HOME_AGENCY associated with the tag or license plate. This will provide support for tag portability. The Away Agency/CSC shall utilize its own rules for selecting the appropriate Home Agency/CSC if there is more than one associated with a given tag. Refer to Section 10.5 for the rules related to license plates with multiple Home Agencies/CSCs.

9. A Transaction File shall be created for all transactions originating at the Away Agency and destined for the Home Agency as denoted by the FROM_AGENCY_ID and TO_AGENCY_ID in the file name.

10. Transaction Files shall only contain transactions associated with:

    a. Tags in a Valid status ('1' or '2') at the time of the transaction (ETC_EXIT_DATE_TIME).

    b. Tags with an Invalid status of '3' at the time of the transaction but which have subsequently changed to a Valid status ('1' or '2').

    c. Plates associated with tags in a Valid status ('1' or '2') at the time of the transaction.

    d. Plates associated with tags with an Invalid status of '3' at the time of the transaction but which have subsequently changed to a Valid status ('1' or '2').

11. When the Home Agency/CSC is processing a Transaction File, a posting attempt should (see 11.c below) be made for all transactions received that pass basic validations (e.g., valid data elements, not too old, not a duplicate, etc.) regardless of the TAG_STATUS value in the transaction or the actual status of the tag/plate or account at the time of the transaction (ETC_EXIT_DATE_TIME).

    a. If the transaction posts, the Home Agency/CSC shall reconcile it as POST/PPST.

    b. If the transaction fails to post (e.g., account balance issue, lost/stolen tag, etc.), the Home Agency/CSC should (see 11.c below) check to see if that transaction is a guaranteed toll transaction and, if so, reconcile it as NPST. If it should not be a guaranteed toll transaction, it should be reconciled back as INSU, ACCB or TAGB as appropriate.

    c. For Away Agencies/CSCs that include transactions in their outgoing Transaction Files when a tag changes from Invalid to Valid (10.b above), these requirements are to be treated as "shall" requirements instead of "should" when the Agency/CSC is the Home Agency/CSC processing such transactions from others.

12. Transaction Files shall be generated at least once per calendar day (assuming transactions exist from the Away Agency to the Home Agency). Transaction Files between a given Away Agency and Home Agency shall not be created more frequently than every two (2) hours (i.e., no more than 12 files per calendar day between a given Away Agency and Home Agency).

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: 0005_0006_19971201041015.ICRX
PANYNJ reconciliation to PTC created on 04:10:15 on 12/01/1997

7.3 File Use

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

7.4 File Layout

Transaction Reconciliation File – Header Structure		
Field Name	**Type/Size**	**Description/Valid Values**
FILE_TYPE	CHAR(4)	ICRX
VERSION	CHAR(8)	File format/content version. Format: ##.##.##
FROM_AGENCY_ID	NUM(4)	The Agency ID of the Home Agency based on the TAG_HOME_AGENCY associated with the tag or license plate.
TO_AGENCY_ID	NUM(4)	The Agency ID of the Away Agency to whom the tolls are owed.
FILE_DATE_TIME	CHAR(20)	Date/time file created and formatted per ISO-8601 as shown below. Format: YYYY-MM-DDThh:mm:ssZ
RECORD_COUNT	NUM(8)	Count of transactions in the file. Does not include header record. Values: 00000001 – 99999999
ICTX_FILE_NUM	NUM(12)	The file number of the ICTX file to which this ICRX file is associated. Values: 000000000001 – 999999999999.
DELIMITER	CHAR(1)	LF
Header Total	**61**	

Transaction Reconciliation File – Detail Structure		
Field Name	**Type/Size**	**Description/Valid Values**
ETC_TRX_SERIAL_NUM	NUM(20)	The unique key of the transaction assigned by the Away Agency/CSC. Values: 00000000000000000000 – 99999999999999999999
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. Will be included in settlement. PPST – Toll transaction posted successfully via license plate. Will be included in settlement. NPST – Toll transaction did not post but Home Agency acknowledges that toll is still owed to the Away Agency. Valid for tag or plate transactions. Will be included in settlement. Valid for tag-based or plate-based transactions. INSU – Rejected, account has insufficient funds where transaction date/time (ETC_EXIT_DATE_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 zero/negative balance status.

Transaction Reconciliation File – Detail Structure		
Field Name	**Type/Size**	**Description/Valid Values**
		Valid for tag-based or plate-based transactions.
		Transactions rejected as INSU can be resubmitted in an ITXC file with a CORR_REASON of '06' if the transponder in question becomes valid. This is only the case if a tag-based transaction is resubmitted as a tag-based transaction or a plate-based transaction is resubmitted as a plate-based transaction.
		If a tag-based transaction is being resubmitted as a plate-based transaction, it shall be in an ICTX file with a new ETC_TRX_SERIAL_NUM if the plate data associated with the transaction is determined as belonging to a valid account.
	RJPL -	Rejected license plate transaction. The license plate transaction could not be posted for a reason other than those identified herein. Not to be used if the license plate transaction was rejected due to the duplicate filter rule. RJDP is to be used in such a case.
		Also, used if the Home Agency/CSC chooses to reject a plate-based transaction for which the Home provided a LIC_TYPE in the ICLP but the Away did not provide the ETC_LIC_TYPE in the ICTX file.
		Valid for plate-based transactions.
		Transactions rejected as RJPL cannot be resubmitted.
	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.
		Valid for tag-based or plate-based transactions.
		Transactions rejected as OLD1 cannot be resubmitted except by special agreement between the agencies on a case-by-case basis. In such circumstances, the agencies will determine if resubmission is to be via an ICTX or ITXC file.
	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.
		Valid for tag-based or plate-based transactions.
		Transactions rejected as OLD2 cannot be resubmitted except by special agreement between the agencies on a case-by-case basis. In such circumstances, the agencies will determine if resubmission is to be via an ICTX or ITXC file.
	ACCB –	Rejected, account in bad status (revoked, closed, etc.) where transaction date/time (ETC_EXIT_DATE _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 no longer valid (i.e., not present in the file).
		Valid for tag-based or plate-based transactions.
		Tag-based transactions rejected as ACCB can be resubmitted as license plate-based transactions in an ICTX file with a new ETC_TRX_SERIAL_NUM if the plate data associated with the transaction is determined as belonging to a valid account. They cannot be resubmitted as tag-based transactions.

Transaction Reconciliation File – Detail Structure		
Field Name	**Type/Size**	**Description/Valid Values**
		RINV - Rejected, the transaction contains invalid data (e.g., invalid agency as defined in Appendix A, invalid plaza as defined in Appendix B, etc.). Valid for tag-based or plate-based transactions. Transactions rejected as RINV can be resubmitted in an ITXC file with a CORR_REASON of '06' and corrected data. TAGB – Rejected, tag in bad status (e.g., lost, stolen, etc.) where transaction date/time (ETC_EXIT_DATE_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 no longer valid (i.e., not present in the file). Valid for tag-based transactions. Tag-based transactions rejected as TAGB can be resubmitted as license plate-based transactions in an ICTX file with a new ETC_TRX_SERIAL_NUM if the plate data associated with the transaction is determined as belonging to a valid account. They cannot be resubmitted as tag-based transactions. RJDP - Rejected, duplicate transaction. Usually associated with a skip read or cross lane read where a tagged transaction and license plate transaction exists for the same customer at the same plaza within one (1) minute. The license plate transaction is rejected as the duplicate. Also used if the same ETC_TRX_SERIAL_NUM was received more than once in an ICTX/INTX file (or files). Valid for tag-based or plate-based transactions. Transactions rejected as RJDP can be resubmitted in an ITXC file with a CORR_REASON of '08' if research by the Away Agency (based on the ETC_DUP_SERIAL_NUM) shows that it was not actually a duplicate. RJTA - Rejected due to toll amount exceeding the configured maximum amount. Valid for tag-based or plate-based transactions. Transactions rejected as RJTA can be resubmitted in an ITXC file with a CORR_REASON of '07'. Refer to Appendix L for additional reconciliation scenarios.

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.
		 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
		           00023 – FL Non-Revenue
		
		 If no discount plan is used, this field shall be blank.

Transaction Reconciliation File – Detail Structure		
Field Name	**Type/Size**	**Description/Valid Values**

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
		
		Note that for an ETC_OWED_AMOUNT value of zero, only Plus or Space is allowed.

ETC_OWED_AMOUNT	NUM(9)	The amount (in US cents) owed to the Away Agency. For rejected transactions, this shall be 000000000 (zero). For correction transactions, this shall be the new (corrected) amount from the correction transaction (not the net of the original and corrected amount). For CORR_REASON 02/03, this new amount shall be zero. Values: 000000000 ($0000000.00) – 999999999 ($9999999.99) Allows for values higher than shown in the ICTX file to support corrections submitted with CORR_REASON value of '07'.
ETC_DUP_SERIAL_NUM	NUM(20)	For transactions rejected with a code of RJDP, this field shall contain the unique key of the transaction assigned by the Away Agency/CSC to which the reconciled transaction was found to be a duplicate. Values: 00000000000000000000 – 99999999999999999999 Value of all zeroes is used if the reconciliation code is other than RJDP or if the Home Agency/CSC cannot provide this value.
DELIMITER	CHAR(1)	LF
Record Total	**60**	

7.5 Processing Requirements

1. 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/video toll 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. Removed

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: 0008_0006_19971201001015.ITXC
                  MTAB&T transactions to PTC 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. This could be for transactions that have been previously posted or for transactions that were rejected and had not been previously posted.

8.4 File Layout

Correction File – Header Structure		
Field Name	**Type/Size**	**Description/Valid Values**
FILE_TYPE	CHAR(4)	ITXC
VERSION	CHAR(8)	File format/content version. Format: ##.##.##
FROM_AGENCY_ID	NUM(4)	The Agency ID of the Away Agency to whom the tolls are owed.
TO_AGENCY_ID	NUM(4)	The Agency ID of the Home Agency based on the TAG_HOME_AGENCY associated with the tag or license plate.
FILE_DATE_TIME	CHAR(20)	Date/time file created and formatted per ISO-8601 as shown below. Format: YYYY-MM-DDThh:mm:ssZ
RECORD_COUNT	NUM(8)	Count of transactions in the file. Does not include header record. Values: 00000001 – 99999999
ITXC_FILE_NUM	NUM(12)	A unique sequential number used to identify the Transaction Correction File to the To Agency. Values: 000000000001 – 999999999999.
DELIMITER	CHAR(1)	LF
Header Total	**61**	

Correction File – Detail Structure		
Field Name	**Type/Size**	**Description/Valid Values**
CORR_REASON	NUM(2)	A code denoting the reason for the correction. Values: 01 – Resolved Mismatch: Class and toll amount corrected 02 – Ignore/Reverse license plate transaction 03 – Ignore/Reverse tagged transaction 04 – Corrected Max Toll: Plaza/lane and toll amount corrected. 05 – Corrected toll amount only. 06 – Resubmission of transaction rejected with codes of INSU or RINV as indicated in Section 7.4. 07 – Resubmission of transaction rejected with a code of RJTA. The toll amount has either been adjusted to be under the configured threshold or has been verified as being correct (and is still above the configured threshold) and the Home Agency/CSC should not reject this resubmission but should post this excessive amount to the customer account. 08 – Resubmission of transaction rejected with a code of RJDP. The Away Agency/CSC has researched the transaction and determined that it is not an actual duplicate. The Home Agency/CSC should bypass its duplicate filtering and should post this resubmission.
All other fields from the Transaction File	CHAR(202)	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 as per Processing Requirement #10 below. Note that any correction of a negative original toll amount shall maintain the negative ETC_DEBIT_CREDIT value of the original transaction unless the correction is to zero (0) in which case the ETC_DEBIT_CREDIT value shall be a Space.
Record Total	**204**	

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 ITXC_FILE_NUM of the current Correction File is equal to the ITXC_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 the Home Agency/CSC to which the original transaction was sent.

3. Removed

4. Transactions can be corrected/resubmitted multiple times within the number of days from the original Transaction Exit Date/Time as specified in the Reciprocity Agreement under Account Settlement Process for Valid Tag Transactions when accounts are not closed.

5. If the account is valid at the time of receipt of a resubmission, a Home Agency/CSC may choose to post the associated transaction even if the account was not valid on the indicated transaction date.

6. Removed.

7. The same transaction cannot appear in a Correction File more than once in a calendar day with a CORR_REASON value of '06'.

8. Correction records resulting in a lower toll amount can be accepted by the Home Agency outside of the allowed date range if agreed to between the agencies.

9. Away Agencies that have a need to make a correction other than those identified by the CORR_REASON codes defined, shall follow the following process to make such a correction:

   a. Submit a correction transaction in the ITXC file with a CORR_REASON of 02/03 (as appropriate) to reverse out the original posted transaction;

   b. Wait for reconciliation that the reversal was processed by the Home Agency/CSC;

   c. Submit the corrected/revised transaction as a new transaction with a new ETC_TRX_SERIAL_NUM in an ICTX file.

10. Fields that can be modified from their original values based on the CORR_REASON are detailed in the following table:

CORR_REASON	Fields That Can Be Modified	Notes
01 – Resolved Mismatch	ETC_CLASS_CHARGED ETC_ACTUAL_AXLES ETC_TOLL_AMOUNT	
02 – Ignore/Reverse license plate transaction	ETC_TOLL_AMOUNT	The amount shall be set to zero ($0).
03 – Ignore/Reverse tagged transaction	ETC_TOLL_AMOUNT	The amount shall be set to zero ($0).
04 – Corrected Max Toll	ETC_TRX_TYPE ETC_ENTRY_DATE_TIME ETC_ENTRY_PLAZA ETC_ENTRY_LANE ETC_EXIT_DATE_TIME ETC_EXIT_PLAZA ETC_EXIT_LANE ETC_LANE_MODE ETC_TOLL_AMOUNT	If the entry or exit location (plaza/lane) are changed, the associated entry or exit date/time may also change.
05 – Corrected Toll Amount (only)	ETC_TOLL_AMOUNT	Note that while this Reason can be used to reduce a toll amount to zero ($0), the preferred approach to completely reverse a toll is via Reasons 02 or 03.
06 – Resubmission: INSU	None	
06 – Resubmission: RINV	Any field other than ETC_TRX_SERIAL_NUM	These transactions can be resubmitted even if the original transaction was never posted by the Home Agency (which would typically be the case).
07 – Resubmission: RJTA	ETC_TOLL_AMOUNT	
08 – Resubmission: RJDP	None	

11. Correction Files shall be generated at least once per calendar day (assuming corrections exist from the Away Agency to the Home Agency). Correction Files between a given Away Agency and Home Agency shall not be created more frequently than every two (2) hours (i.e., no more than 12 files per calendar day between a given Away Agency and Home Agency).

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: 0006_0008_19971201041015.IRXC
         PTC reconciliation to MTAB&T 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
VERSION	CHAR(8)	File format/content version. Format: ##.##.##
FROM_AGENCY_ID	NUM(4)	The Agency ID of the Home Agency based on the TAG_HOME_AGENCY associated with the tag or license plate.
TO_AGENCY_ID	NUM(4)	The Agency ID of the Away Agency to whom the tolls are owed.
FILE_DATE_TIME	CHAR(20)	Date/time file created and formatted per ISO-8601 as shown below. Format: YYYY-MM-DDThh:mm:ssZ
RECORD_COUNT	NUM(8)	Count of transactions in the file. Does not include header record. Values: 00000001 – 99999999
ITXC_FILE_NUM	NUM(12)	The file number of the ITXC file to which this IRXC file is associated. Values: 000000000001 – 999999999999.
DELIMITER	CHAR(1)	LF
Header Total	**61**	

Correction Reconciliation File – Detail Structure		
Field Name	**Type/Size**	**Description/Valid Values**
Same fields as the Transaction Reconciliation File	CHAR(60)	Same as the Transaction Reconciliation File.

9.5 Processing Requirements

1. 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.

2. 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'.

3. 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 ITXC_FILE_NUM or the Correction Reconciliation File contains references to transactions which were not included in the Correction File referred to by ITXC_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: 0008_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 associated with tags found in the Home Agency's/CSC's Tag Status File. This will include license plates for its valid customers (customers with at least one tag with a TAG_STATUS of '1' or '2') as well as plate data associated with TAG_STATUS '3' tags to maintain consistency between the ITAG and ICLP files. This file will allow the Away Agency/CSC to collect the toll from the Home Agency/CSC for a license plate based transaction.

10.4   File Layout

Customer License Plate File – Header Structure		
Field Name	**Type/Size**	**Description/Valid Values**
FILE_TYPE	CHAR(4)	ICLP
VERSION	CHAR(8)	File format/content version. Format: ##.##.##
FROM_AGENCY_ID	NUM(4)	Standard agency ID code of the Home Agency/CSC (See Appendix E, Column A)
FILE_DATE_TIME	CHAR(20)	Date/time file created and formatted per ISO-8601 as shown below. Format: YYYY-MM-DDThh:mm:ssZ
RECORD_COUNT	NUM(10)	Count of detail records in the file. Does not include header record. Values: 0000000001 – 9999999999
DELIMITER	CHAR(1)	LF
Header Total	**47**	

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. Only uppercase characters shall be used. If this field contains invalid characters, the record should be rejected.
LIC_TYPE	CHAR(30)	The license plate type. Filled with asterisks (*) if unavailable/unused. Refer to Appendix J for the list of valid values for this field. Note that the contents of this field are not case sensitive. All values should be converted to upper/lower case upon receipt based on the preferences of the Away Agency/CSC.
TAG_AGENCY_ID	NUM(4)	Tag agency ID. Values: 0000 – 9999

Customer License Plate File – Detail Structure		
Field Name	**Type/Size**	**Description/Valid Values**
TAG_SERIAL_NUMBER	NUM(10)	Tag serial number. Values: 0000000001 – 9999999999
LIC_EFFECTIVE_FROM	CHAR(20)	The earliest date/time for which the customer has indicated they would claim responsibility for tolls incurred against the license plate and formatted per ISO-8601 as shown below. Transactions with an Exit Date/Time earlier than this date/time will, generally, not be posted by the Home Agency/CSC (though they may be based on Home Agency/CSC business rules). If not provided (filled with asterisks), is assumed to be effective when first seen in an ICLP associated with this tag. This is, generally, to support backward compatibility with ICD 1.51. Home Agencies/CSCs generating ICD 1.60 (and later) files should be populating this field. Format: YYYY-MM-DDThh:mm:ssZ
LIC_EFFECTIVE_TO	CHAR(20)	Date/time that the license plate stopped being associated to the indicated tag and formatted per ISO-8601 as shown below. Transactions with an Exit Date/Time later than this date/time will, generally, not be posted by the Home Agency/CSC (though they may be based on Home Agency/CSC business rules). If the customer removes the plate from their account, this field would be set to that date/time. If not provided (filled with asterisks), is assumed to still be effective as of the date of this ICLP file. If provided, must be greater than the LIC_EFFECTIVE_FROM. Format: YYYY-MM-DDThh:mm:ssZ
LIC_HOME_AGENCY	NUM(4)	The ID assigned to the Home Agency. This is the Agency/CSC that manages the customer account to which toll charges may be posted for this plate. See Appendix E, Column C. Values: 0000 – 9999
LIC_ACCOUNT_NO	CHAR(50)	A freeform field containing the unique account number at the Home Agency/CSC of the associated plate data. Must be provided for all E-ZPass Home Agencies. May not be provided for all NIOP agencies. If not available/provided, will be filled with asterisks (*). Must match the TAG_ACCOUNT_NO value provided in the ITAG/ITGU file for the matching tag. For CSCs generating this file under ver 1.51, this field shall be asterisks. For CSCs generating this file under ver 1.60 and later, this field shall be filled with the actual value used by that CSC, left justified and padded with trailing spaces (meaning that if the CSC uses a 10 digit number to represent accounts, this field should contain those 10 digits followed by 40 spaces). However, the CSC could choose to right justify and fill with leading zeroes.
LIC_VIN	CHAR(17)	The vehicle manufacturer Vehicle Identification Number (VIN) associated with the license plate. If not available/provided, will be filled with asterisks (*).
LIC_GUARANTEED	CHAR(1)	Used to denote whether or not transactions with this license plate are guaranteed by the Home Agency based on Home Agency business rules. Values: Y – Guaranteed 　　　　 N, * – Not Guaranteed Refer to Appendix L for toll guarantee scenarios.

Customer License Plate File – Detail Structure		
Field Name	**Type/Size**	**Description/Valid Values**
LIC_REGISTRATION_DATE	CHAR(20)	Date/time that the customer added the license plate to their account and formatted per ISO-8601 as shown below. This could be a date/time value that is before, during or even after the effective date range. Would be updated if the customer extended the Effective Date range. Would not be updated if the customer shortened the Effective Date range or if the Effective To date was changed from asterisks to a date/time value. If not provided (filled with asterisks), the Registration Date is assumed to be the date/time of the ICLP file in which this license plate was first seen associated with this Home Agency/Account. This is, generally, to support backward compatibility with ICD 1.51. Home Agencies/CSCs generating ICD 1.60 (and later) files should be populating this field. Format: YYYY-MM-DDThh:mm:ssZ
LIC_UPDATE_DATE	CHAR(20)	Date/Time the customer made any change to the effective dates associated with this license plate and formatted per ISO-8601 as shown below. To be used by the Away Agency/CSC for research and/or dispute resolution purposes. If not provided (filled with asterisks), the Update Date is assumed to be equal to the Registration Date. Format: YYYY-MM-DDThh:mm:ssZ
DELIMITER	CHAR(1)	LF
Record Total	**209**	

10.5 Processing Requirements

1. Only license plates associated with tags issued/guaranteed 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/guaranteed by another Agency/CSC).

2. The tag information provided by the Home Agency/CSC should be the first valid tag for the account. However, for agencies that maintain a one-to-one tag/plate mapping, the tag information provided should be the tag mapped to the specific license plate.

3. To help ensure that a license plate based transaction is routed to the correct Home Agency/CSC and posted to the account of the customer that most recently claimed responsibility for the license plate, the logic enumerated here will be used by the Away Agency/CSC. Note that the Effective Date range and Registration Dates are based on the most recent ICLP received by the Away Agency while the Tag Status would be the most recent received prior to the transaction date/time (i.e., the Tag Status as of the transaction date/time).

   a. Find all Non-Fleet (TAG_AC_TYPE_IND <> "F") ICLP records (or records in the Away Agency/CSC customer database) that have an Effective Date range that brackets the toll transaction's date/time and are associated with TAG_STATUS '1' or '2' tags.

   b. Of those records found, send the transaction to the Home Agency/CSC which has the most recent Registration Date.
      i. NOTE: If a non-interoperable account exists for an Away Agency/CSC temporary/short-term plate-based account even with an earlier Registration Date, the Away Agency/CSC can opt to post the transaction to its own account over a non-Fleet account at another Agency/CSC.

   c. If no such record is found, find all Fleet ICLP records (or records in the Away Agency/CSC customer database) that have an Effective Date range that brackets the toll transaction's date/time and are associated with TAG_STATUS '1' or '2' tags.

   d. Of those records found, send the transaction to the Home Agency/CSC which has the most recent Registration Date.

      i.   NOTE: If a record exists for an Away Agency/CSC Fleet account even with an earlier Registration Date, the Away Agency/CSC can opt to post the transaction to its own Fleet account over a Fleet account at another Agency/CSC.

   e. If no such record is found, Away Agency/CSC plate-based pursuit business rules should be followed. Alternatively, if there is a license plate associated with a TAG_STATUS '3' tag, the Away Agency/CSC can send the transaction to the Home Agency/CSC for a posting attempt though posting and payment are not guaranteed.

4. The Away Agency/CSC should maintain a table of all license plate information received from the Home Agency/CSC.

For plates without effective dates (both are filled with asterisks), the following rules should apply:

   a. The table would maintain a date for each license plate which would be updated each time information was received for that license plate (essentially an inferred effective date range).

   b. 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.

   c. Since plates associated with Status 3 tags may not be included in the ICLP file, plates can come and go from the file resulting in multiple inferred effective date ranges. Alternatively, since tag status is the final determiner, a single inferred effective date range could be maintained.

   d. For actual validity on a specific date, tag status should be used. If tag was valid on that date, plate transaction should be guaranteed. However, if tag was not valid on that date but is currently valid, can be submitted but will not be guaranteed. Plate transactions dated before the inferred effective start should not be sent.

Home Agencies/CSCs should strive to populate effective dates and registration date. Each record in the ICLP is intended to associate a specific plate with a specific customer/account for a specific time period regardless of any account/tag status changes during said period. Any changes in account/tag status do not impact the effective dates or registration date. For plates with effective dates (one or both), the following rules should apply:

   e. Effective start provided and end is asterisk – plate is associated with the account from the start date through the current date. For actual validity on a specific date, tag status should be used. If tag was valid on that date, plate transaction should post. However, if tag was not valid on that date but is currently valid, can be submitted but will not be guaranteed (See Appendix L). Plate transactions dated before effective start should not be sent unless by agreement between the agencies.

   f. Effective start and end provided – Plate is associated with the account between effective dates only. Plate transactions outside that period should not be sent. For actual validity on a specific date, tag status should be used. If tag was valid on that date, plate transaction should be guaranteed. However, if tag was not valid on that date but is currently valid, can be submitted but will not be guaranteed (See Appendix L). The changing of an account/tag from a Valid status to a status 3 does not cause the effective end date to be set.

   g. Effective end provided and start is asterisk – this is an invalid combination. ICLP record should be skipped.

5. The Away Agency/CSC would utilize this file to look up the license plate retrieved from an image and determine that the plate belongs to a customer of the Home Agency/CSC.

As noted above, the determination of a license plate's validity for posting should be based on the effective from/to date/time range and registration date associated with the license plate combined with the associated tag's status on the given transaction date. If the account is valid at the time of receipt of a license plate transaction, a Home Agency/CSC may choose to post the associated license plate based transaction even if the account was not valid on the indicated transaction date.

In the case of customer plate-based transaction disputes where the customer is required to add a license plate to their account, the plate effective from date/time should be earlier than the transaction's associated exit date/time.

6. In the event that an 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. Removed.

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, 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.

9. The intent of the LIC_TYPE field is to prevent the incorrect customer from getting charged based on plate duplication. LIC_TYPE shall be populated when it is necessary to distinguish between actual or potential duplicate plates and not necessarily by default. The onus is on the Home Agency to populate the LIC_TYPE field appropriately to ensure that their customers get correctly charged for any plate-based transactions. If LIC_TYPE is populated with asterisks, the Home Agency is willing to accept transactions for the plate regardless of plate type. If LIC_TYPE is populated with a value other than asterisks, the Home Agency will only accept exact matches that include plate type.

   The general rules for determining if it is necessary to populate LIC_TYPE are as follows:

   (A) If the plate (LIC_STATE and LIC_NUMBER) exists on only one E-ZPass account at the Home Agency/CSC, LIC_TYPE does not need to be populated (however, note 9.(C) below). Plates on violation/bill by mail accounts (i.e., accounts that are not shared outside the Home Agency) should not be factored in as plate-based tolls would never post to those accounts from an Away Agency.

   (B) If the plate exists on more than one E-ZPass account, then the following applies:

      i. The plates (LIC_STATE and LIC_NUMBER) have overlapping effective date periods, they have different plate types and special case 9.(B).ii is not true, LIC_TYPE should be populated on each of the duplicate plates.

         So, if a customer puts plate NY-ABC123 on their account (perhaps as a rental) from 1/1 to 1/5 and another customer puts NY-ABC123 on their account from 1/6 to 1/10, those are not considered duplicate plates and should not automatically have LIC_TYPE added.

      ii. A special case needs to be handled if a plate exists on a rental "Fleet" account and then gets added by a customer as a rental to their private E-ZPass account. In such a case, the effective dates would overlap but this is still not a duplicate and should not automatically get LIC_TYPE added. Both instances of the plate would exist in the ICLP file with the appropriate effective dates and registration dates to allow the Away Agency to select the rental instance over the Fleet instance based on the rules defined in the IAG Specifications.

   (C) A customer license plate has been determined to be one for which a duplicate exists on the road and the customer is getting incorrectly charged for trips by that duplicate plate. An example scenario would be as follows:

      i. Customer has plate MA-ABC123 with a plate type PARR on their account. This is the only instance of MA plate ABC123 in the Home Agency system so LIC_TYPE is not in the ICLP per the agreed upon rules.

      ii. Vehicle with plate MA-ABC123 but a plate type of PASR goes through a toll zone at an Away Agency. The Away Agency looks up MA-ABC123 and it matches to the Home Agency customer who gets the plate-based toll posted to their account.

      iii. The customer calls the Home Agency CSC and complains that it was not them.

    iv.   The Home Agency CSC researches the issue with the Away Agency's assistance and determines that there is a PASR plate driving around and incorrectly posting to their customer.

    v.   At this point, the Home Agency needs to flag this customer's plate MA-ABC123 as needing LIC_TYPE in the ICLP to prevent further plate-based tolls from incorrectly being charged to them.

    If (C) is true, then LIC_TYPE should be populated for the flagged plate.

To ensure that plate matching can be done under all circumstances, the Away Agency/CSC should capture license plate type along with issuing jurisdiction and required plate characters (per DMV rules).

Usage of LIC_TYPE by the Away Agency/CSC would be as follows:

1) If the ICLP record contains a LIC_TYPE value (not asterisks), then:
   a) Find a match on LIC_STATE, LIC_NUMBER and LIC_TYPE to the Away Agency plate data captured.

2) If the ICLP record does not contain a LIC_TYPE (value is asterisks), then:
   a) Find a match on LIC_STATE and LIC_NUMBER to the Away Agency plate data captured.

10. License plates with an effective end date shall remain on the ICLP file for at least the period of the toll guarantee (currently 60 days) after the effective end date has passed.

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: 0004_0009_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.

Version 1.51 and earlier never explicitly defined the relationship between the Away (Host) Agency, Home Agency and the Agency ID values utilized in the Transaction File (and Correction File) and, subsequently, utilized in the various settlement reports. That is rectified herein with the explicit definition of the FROM_AGENCY_ID as the Agency ID of the Away (Host) Agency and the TO_AGENCY_ID as the Agency ID of the Home Agency. These are used here to clearly identify the parties for the file and are to be used in all settlement reports.

11.4 File Layout

Non-Toll Transaction File – Header Structure		
Field Name	**Type/Size**	**Description/Valid Values**
FILE_TYPE	CHAR(4)	INTX
VERSION	CHAR(8)	File format/content version. Format: ##.##.##
HOST_AGENCY_ID	NUM(4)	Standard agency ID code of the Host (Away) Agency (See Appendix E, Column E)
HOME_AGENCY_ID	NUM(4)	The Agency ID code of the Home Agency (See Appendix E, Column C) based on the TAG_HOME_AGENCY associated with the tag.
FILE_DATE_TIME	CHAR(20)	Date/time file created and formatted per ISO-8601 as shown below. Format: YYYY-MM-DDThh:mm:ssZ
RECORD_COUNT	NUM(8)	Count of transactions in the file. Does not include header record. Values: 00000001 – 99999999
INTX_FILE_NUM	NUM(12)	A unique sequential number used to identify the Non-Toll Transaction File to the Home Agency. Values 000000000001 – 999999999999.
DELIMITER	CHAR(1)	LF
Header Total	**61**	

Non-Toll Transaction File – Detail Structure		
Field Name	**Type/Size**	**Description/Valid Values**
ETC_TRX_SERIAL_NUM	NUM(20)	The unique key of a transaction assigned by the Away Agency/CSC. Values: 00000000000000000000 – 99999999999999999999
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	NUM(4)	A code indicating the **facility operator** at which the transaction occurred. See Appendix E, Column G 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

Non-Toll Transaction File – Detail Structure		
Field Name	**Type/Size**	**Description/Valid Values**
ETC_ENTRY_DATE_TIME	CHAR(25)	The date/time the vehicle entered the facility in the local time zone of the facility and formatted per ISO-8601 as shown below. Format: YYYY-MM-DDThh:mm:ss±HH:MM Optional for Non-Toll transactions. If not provided must be filled with asterisks (*).
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.
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	NUM(4)	Standard agency ID read from the tag. Values: 0000 – 9999
ETC_TAG_SERIAL_NUMBER	NUM(10)	Tag serial number read from the tag. Values: 0000000001 – 9999999999
ETC_READ_PERFORMANCE	NUM(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	NUM(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	NUM(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_LIC_TYPE	CHAR(30)	Unused for Non-Toll transactions. Must be filled with asterisks (*).
ETC_CLASS_CHARGED	CHAR(3)	Unused for Non-Toll transactions. Must contain ***.

Non-Toll Transaction File – Detail Structure		
Field Name	**Type/Size**	**Description/Valid Values**
ETC_ACTUAL_AXLES	NUM(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	NUM(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_TIME	CHAR(25)	The date the vehicle exited the facility in the local time zone of the facility and formatted per ISO-8601 as shown below. Format: YYYY-MM-DDThh:mm:ss±HH:MM
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	NUM(9)	The amount due (in US cents) as calculated by the Away Agency. Values: 000000000 ($0000000.00) – 999999999 ($9999999.99)
DELIMITER	CHAR(1)	LF
Record Total	**178**	

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 _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 _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 TAG_HOME_AGENCY associated with the tag.

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: 0009_0004_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 to inform the Host Agency as to the disposition of non-toll transactions processed by the Home Agency which occurred at facilities hosted by the Host Agency.

12.4   File Layout

Non-Toll Reconciliation File – Header Structure		
Field Name	**Type/Size**	**Description/Valid Values**
FILE_TYPE	CHAR(4)	INRX
VERSION	CHAR(8)	File format/content version. Format: ##.##.##
HOME_AGENCY_ID	NUM(4)	The Agency ID code of the Home Agency (See Appendix E, Column C) based on the TAG_HOME_AGENCY associated with the tag.
HOST_AGENCY_ID	NUM(4)	The Agency ID code of the Host (Away) Agency (See Appendix E, Column E).
FILE_DATE_TIME	CHAR(20)	Date/time file created and formatted per ISO-8601 as shown below. Format: YYYY-MM-DDThh:mm:ssZ
RECORD_COUNT	NUM(8)	Count of transactions in the file. Does not include header record. Values: 00000001 – 99999999
INTX_FILE_NUM	NUM(12)	The INTX file number with which this INRX file is associated. Values: 000000000001 – 999999999999.
DELIMITER	CHAR(1)	LF
Header Total	**61**	

Non-Toll Reconciliation File – Detail Structure		
Field Name	**Type/Size**	**Description/Valid Values**
ETC_TRX_SERIAL_NUM	NUM(20)	The unique key of the transaction assigned by the Away Agency/CSC. Values: 00000000000000000000 – 99999999999999999999
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.

Non-Toll Reconciliation File – Detail Structure		
Field Name	**Type/Size**	**Description/Valid Values**
		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., 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 _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	NUM(9)	The amount (in US cents) owed to the Away Agency. For rejected transactions, this would be 000000000. For correction transactions, this would be the new (corrected) amount from the correction transaction (not the net of the original and corrected amount). Values: 000000000 ($0000000.00) – 999999999 ($9999999.99)
DELIMITER	CHAR(1)	LF
Record Total	**40**	

12.5   Processing Requirements

1. 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.

2. 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 an invalid tag 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.

3. 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: 0005_0009_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
VERSION	CHAR(8)	File format/content version. Format: ##.##.##
HOST_AGENCY_ID	NUM(4)	The Agency ID code of the Host (Away) Agency (See Appendix C, Column E).
HOME_AGENCY_ID	NUM(4)	The Agency ID code of the Home Agency (See Appendix E, Column C) based on the TAG_HOME_AGENCY associated with the tag.
FILE_DATE_TIME	CHAR(20)	Date/time file created and formatted per ISO-8601 as shown below. Format: YYYY-MM-DDThh:mm:ssZ
RECORD_COUNT	NUM(8)	Count of transactions in the file. Does not include header record. Values: 00000001 – 99999999
ITXN_FILE_NUM	NUM(12)	A unique sequential number used to identify the Non-Toll Correction File to the Home Agency. Values 000000000001 – 999999999999.
DELIMITER	CHAR(1)	LF
Header Total	**61**	

Non-Toll Correction File – Detail Structure		
Field Name	**Type/Size**	**Description/Valid Values**
CORR_REASON	NUM(2)	A code denoting the reason for the correction. Values: 03 – Ignore/Reverse tagged transaction 04 – Corrected plaza/lane and toll information 05 – Corrected toll amount only 06 – Repost attempt requested
All other fields from the Non-Toll Transaction File	CHAR(178)	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.
Record Total	**180**	

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 the Home Agency/CSC to which the original transaction was sent.

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: 0009_0005_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
VERSION	CHAR(8)	File format/content version. Format: ##.##.##
HOME_AGENCY_ID	NUM(4)	The Agency ID code of the Home Agency (See Appendix E, Column C) based on the TAG_HOME_AGENCY associated with the tag.
HOST_AGENCY_ID	NUM(4)	The Agency ID code of the Host (Away) Agency (See Appendix E, Column E).
FILE_DATE_TIME	CHAR(20)	Date/time file created and formatted per ISO-8601 as shown below. Format: YYYY-MM-DDThh:mm:ssZ
RECORD_COUNT	NUM(8)	Count of transactions in the file. Does not include header record. Values: 00000001 – 99999999
ITXN_FILE_NUM	NUM(12)	The file number of the ITXN file to which this IRXN file is associated. Values: 000000000001 – 999999999999.
DELIMITER	CHAR(1)	LF
Header Total	**61**	

Non-Toll Correction Reconciliation File – Detail Structure		
Field Name	**Type/Size**	**Description/Valid Values**
Same fields as the Non-Toll Transaction Reconciliation File	CHAR(40)	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: 0008_0022_19971201041015_ITAG.ACK
                  Acknowledgement file from NY CSC in response to the NJ CSC 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
VERSION	CHAR(8)	File format/content version. Format: ##.##.##
FROM_AGENCY_ID	NUM(4)	Standard agency ID code of the Agency/CSC which received the file referenced in ORIG_FILE_NAME_TYPE.
TO_AGENCY_ID	NUM(4)	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_TIME	CHAR(20)	Date/time file created and formatted per ISO-8601 as shown below. This is to be used by the To Agency/CSC as the acknowledgement date/time. Format: YYYY-MM-DDThh:mm:ssZ
RETURN_CODE	NUM(2)	A code indicating the status of the file being acknowledged. Values: 00 – File was successfully received and verified. For the ITAG file, the Away Agency/CSC shall delay transmission of the Acknowledgement File with a '00' RETURN_CODE until it has verified that all Away Agency lanes have received the associated ITAG file data. This acknowledgement shall be utilized by the Home Agency/CSC as the activation/operative date/time for determining the toll guarantee date/time. The Away Agency/CSC shall transmit the acknowledgement within four (4) hours of receipt of the ITAG file. 01 – Header record count does not match the number of detail records found in the file. 02 – Detail record(s) found with invalid data including records with invalid length. Note, for a Transaction/Correction file (toll or non-toll) where individual fields have invalid/unexpected data, the RINV reconciliation code shall be used. 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 that prevents the file from being processed.

		Refer to Appendix G for the processing rules associated with the various RETURN_CODE values.
DELIMITER	CHAR(1)	LF
Detail Total	**93**	

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 regardless of the From Agency/CSC's ability to process/consume the original file.

2. The FILE_DATE _TIME field shall be used by the To Agency/CSC as the acknowledgement date/time of the transmitted file.

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.

5. The Acknowledgement File with a RETURN_CODE value of '00' for the ITAG file shall indicate the activation date/time for the purposes of the toll guarantee and shall be transmitted by the Away Agency/CSC within four (4) hours of the receipt of the ITAG file. If not received by the Home Agency/CSC within the four (4) hour window, the Home Agency/CSC shall use the date/time of the transmission completion of the ITAG file plus four (4) hours as the activation date/time for the given Away Agency/CSC.

    Nonetheless, the Away Agency/CSC shall still be required to transmit an Acknowledgement File for each ITAG file received.

16.0 Transmission Methodology

1) The ITAG and ICLP files shall be transmitted to the EZIOP Hub on a nightly basis (except for the ITGU file which shall be transmitted on an as needed basis but not more frequently than every two hours).

2) ITAG files shall be transmitted prior to their associated ICLP files.

3) Other files (e.g., ACK, ICTX, ITXC, ICRX, IRXC, etc.) can be transmitted throughout the day within the following guidelines:

   a. ACK files for ITAGs should be sent within four (4) hours of the ITAG file creation date/time.

   b. ACK files for all other files should be sent within one (1) hour of the creation date/time of the file they are ACKing.

   c. Transaction/Correction files should be sent no more frequently than every two hours.

   d. Reconciliation files should be sent within 48 hours of the creation date/time of their associated Transaction/Correction file.

4) Transmission shall be via SFTP (aka SSH File Transfer Protocol).

5) Files will be initially transmitted using a temporary file name. Upon successful completion of each file's transmission, the sending Agency/CSC shall rename the file to its required file name. The receiving Agency/CSC shall wait until it detects the presence of the required file names to begin processing the file. For example, the Customer License Plate File 0008_19971201041015.ICLP is transmitted using file name 0008_19971201041015.ICLP.temp and, upon successful transmission, is renamed to 0008_19971201041015.ICLP. Receiving Agencies/CSCs shall ensure that permissions are set properly on SFTP servers to allow file renaming to be done by the EZIOP Hub.

   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.

11) Upon implementation of the E-ZPass Group Interoperability (EZIOP) Hub, Home Agencies/CSCs will have the option of transmitting only a single copy of ITAG, ITGU and ICLP files to the EZIOP Hub and the EZIOP Hub will transmit those files to all required recipients (known as "Method 2"). In addition, Agencies/CSCs will only be required to utilize a single SFTP account for file transmissions and will be able to deposit all files destined for other Agencies/CSCs into a single directory. Home Agencies/CSCs should strive to support this functionality so as to reduce the number of required SFTP accounts and file transmissions.

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:

17.0   IAG-1: Inter-CSC Settlement Report

<div align="right">Report IAG–1</div>

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
_____

Wire Date	Amount	Payment Type*
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 <u>acknowledged</u> 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/Time 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).

Sorting: ACK_DATE, ICRX_FILE

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
0022_0004_19990102010901.ICRX	1/3/1999 00:00:00	231	1,086.00	0	0.00	0	0.00	231	1,086.00	0	0.00
0022_0004_19990105012448.ICRX	1/7/1999 01:00:00	156	557.20	0	0.00	0	0.00	156	557.20	0	0.00
0022_0004_19990106011057.ICRX	1/8/1999 01:00:00	175	662.30	0	0.00	0	0.00	175	662.30	0	0.00
0022_0004_19990106011458.ICRX	1/8/1999 01:04:00	107	425.80	0	0.00	0	0.00	107	425.80	0	0.00
0022_0004_19990107022140.ICRX	1/9/1999 01:01:03	159	1,014.40	0	0.00	0	0.00	159	1,014.40	0	0.00
0022_0004_19990107215531.ICRX	1/9/1999 02:01:00	155	957.30	0	0.00	0	0.00	155	957.30	0	0.00
0022_0004_19990109022225.ICRX	1/11/1999 00:00:00	122	839.70	0	0.00	0	0.00	122	839.70	0	0.00
0022_0004_19990110051614.ICRX	1/12/1999 00:00:00	108	847.10	0	0.00	0	0.00	108	847.10	0	0.00
0022_0004_19990110052141.ICRX	1/12/1999 00:00:01	133	668.80	0	0.00	0	0.00	133	668.80	0	0.00
0022_0004_19990110220253.ICRX	1/12/1999 00:01:00	156	1,008.30	0	0.00	0	0.00	156	1,008.30	0	0.00
0022_0004_19990111215735.ICRX	1/13/1999 00:00:00	241	1,022.70	0	0.00	0	0.00	241	1,022.70	0	0.00
0022_0004_19990112215445.ICRX	1/14/1999 00:00:00	182	843.20	0	0.00	0	0.00	182	843.20	0	0.00
0022_0004_19990114215618.ICRX	1/16/1999 00:00:00	6	21.60	0	0.00	0	0.00	6	21.60	0	0.00
0022_0004_19990114215902.ICRX	1/16/1999 00:00:01	212	1,506.70	0	0.00	0	0.00	212	1,506.70	0	0.00
0022_0004_19990114220222.ICRX	1/16/1999 02:00:00	165	887.20	0	0.00	0	0.00	165	887.20	0	0.00
0022_0004_19990115220013.ICRX	1/17/1999 00:00:00	234	1,509.30	0	0.00	0	0.00	234	1,509.30	0	0.00
0022_0004_19990116215041.ICRX	1/18/1999 00:00:00	155	1,088.80	0	0.00	0	0.00	155	1,088.80	0	0.00
0022_0004_19990118215434.ICRX	1/20/1999 00:00:00	283	1,595.30	0	0.00	0	0.00	283	1,595.30	0	0.00
0022_0004_19990120214231.ICRX	1/22/1999 00:00:00	285	1,057.50	0	0.00	0	0.00	285	1,057.50	2	6.00
0022_0004_19990123031220.ICRX	1/25/1999 00:00:00	927	5,277.50	0	0.00	0	0.00	927	5,277.50	1	3.00
0022_0004_19990123215019.ICRX	1/25/1999 00:03:00	226	1,416.20	0	0.00	0	0.00	226	1,416.20	3	24.00
0022_0004_19990124215314.ICRX	1/26/1999 00:00:00	290	1,692.50	0	0.00	0	0.00	290	1,692.50	0	0.00
0022_0004_19990125215216.ICRX	1/27/1999 00:00:00	305	1,273.40	0	0.00	0	0.00	305	1,273.40	1	0.00
0022_0004_19990128015547.ICRX	1/30/1999 00:00:00	230	1,417.90	51	153.00	0	0.00	281	1,570.90	0	0.00
0022_0004_19990129215839.ICRX	1/31/1999 00:10:00	269	1,741.80	0	0.00	0	0.00	269	1,741.80	0	0.00
0022_0004_19990129220005.ICRX	1/31/1999 00:20:00	229	1,507.60	0	0.00	0	0.00	229	1,507.60	0	0.00
0022_0004_19990130215427.ICRX	1/31/1999 01:00:00	258	1,756.30	0	0.00	0	0.00	258	1,756.30	0	0.00
0022_0004_19990131215514.ICRX	1/31/1999 12:00:00	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.

Sorting: ACK_DATE, IRXC_FILE

<div align="right">Report IAG-3</div>

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

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	Ack Date	Total Count	POST			NPST			PPST						Total NET	Total Reject	Reject AMT
			ORG	NEW	NET	ORG	NEW	NET	ORG	NEW	NET						
IRXC_FILE																	
0022_0004_19990102010901.IRXC	01/02/1999 00:00:00	5	24.00	35.00	11.00	0.00	0.00	0.00	3.00	0.00	(3.00)				8.00	0	0.00
0022_0004_19990105012448.IRXC	01/05/1999 00:00:00	4	10.00	8.00	(2.00)	0.00	5.00	5.00	0.00	4.00	4.00				7.00	1	3.00
0022_0004_19990106011057.IRXC	01/06/1999 00:00:00	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

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Plan End Date	Plan	Count of Plans	No. Trips Taken	No. Trips Expired	Unused Trip Amount
01/01/1999	TZC	2	26	8	$ 8.00
	TZPL	3	25	26	$ 13.00
Total (Date)					$ 21.00
01/02/1999	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.

Note that with the removal of the NYSTA permit plan from the Tag Status File, this report will no longer be required. However, it is left here for possible future use.

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:

Report IAG-6

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

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| |----------------------------------- Original Transaction --------------------------| | | | | | |
| Entry | Entry | Exit | Exit | Class | Serial | Date/Time | Adj. | Reason | Adj. Amount |
Plaza	Lane	Plaza	Lane		Num		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									

-
-
-

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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:

Sorting: ACK_DATE, ICRX_FILE

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 01:01:00 0022_0004_19990120214231.ICRX												
		12345678	0022000987654 3	8888888	01/19/99	08:39:56	42	01	44	03	2.50	RINV
		12437765	0022000232345 6	9999999	01/20/99	14:22:34	32	02	21	04	3.50	INSU
	Subtotal										6.00	
01/25/99 02:00:01 0022_0004_19990123031220.ICRX												
		12345987	0022000456789	7979797	01/23/99	10:37:45	19	03	23	01	3.00	TAGB
	Subtotal										3.00	
01/25/99 03:00:00 0022_0004_19990123215019.ICRX												
		12346543	0022000987432 1	3434343	01/24/99	09:40:57	33	01	18	03	6.50	RINV
		12346457	0022000232345 7	9999999	01/24/99	16:03:32	17	02	21	04	7.50	INSU
		12346980	0022000456789 4	7333343	01/24/99	11:27:43	31	03	29	01	10.00	TAGB
	Subtotal										24.00	
01/26/99 00:00:00 0022_0004_19990125215216.ICRX												
		12347123	0020002567832	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:

Sorting: ACK_DATE, IRXC_FILE

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	00:01:00	0022_0004_19990105012448.IRXC										
		12345444	0022000987343	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 <u>and</u> 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

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File Name	File #	**Days** Count	**5 – 10** $ Amt	Count	**11 – 15** $ Amt	Count	**Over 15** $ Amt
0004_0022_19990223010901.ICTX	004567	15,876	30,867.00				
0004_0022_19990224010901.ICTX	004568	18,555	27,453.00				
0004_0022_19990217012001.ICTX	004559			13,234	21,333.00		
0004_0022_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

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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			
			0022_0004_19990102010901.ICRX	34	78.60
			0022_0004_19990105012448.ICRX	21	56.40
				--	
	Plaza Subtotal			55	135.00
	08	HARRIMAN			
			0022_0004_19990102010901.ICRX	08	33.00
			0022_0004_19990105012448.ICRX	12	39.20
				--	
	Plaza Subtotal			20	72.20
	•				
	•				
	Posting Date Subtotal				207.20
01/01/1999					
	06	YONKERS TOLL			
			0022_0004_19990106011057.ICRX	23	16.00
				--	
	Plaza Subtotal			23	16.00
	08	HARRIMAN			
			0022_0004_19990106011057.ICRX	18	24.30
			0022_0004_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.

Sorting: ACK_DATE, ICRX_FILE

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
01/30/99 00:00:00		0022_0004_19990128015547.ICRX											
		12345678	xxxx	0022000987654 3	8888888	01/29/99	43	03	33	01	3.70	72	
		12435672	xxxx	0022000232345 6	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 <u>received</u> by the Away agency. This is the same amount as the Toll Transactions shown on IAG-1 <u>received</u> 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:

Report IAG-13A

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

		CLASS									
		01	02	03	04	05	06	07	08	09	Total
PLAZA	Trans Date	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

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			CLASS									
			01	02	03	04	05	06	07	08	09	Total
PLAZA	Trans Date	Plan*	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

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		CLASS									
		01	02	03	04	05	06	07	08	09	Total
PLAZA	Trans Date	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

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			CLASS																	
			01		02		03		04		05		06		07		08		09		Total	
PLAZA	Trans Date	Plan*	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:

Report IAG–1N

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

Wire Date	Amount	Payment Type*
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 <u>acknowledged</u> 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/Time 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).

Sorting: ACK_DATE, INRX_FILE

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
0022_0004_19990102010901.INRX	1/3/1999 00:00:00	31	3.41	29	1,086.00	24.98					2	48.00
0022_0004_19990105012448.INRX	1/7/1999 00:00:00	56	6.16	55	557.20	12.82					1	45.00
0022_0004_19990106011057.INRX	1/8/1999 00:00:00	75	8.25	75	662.30	15.23						
0022_0004_19990106011458.INRX	1/8/1999 00:01:00	07	0.77	07	425.80	9.79						
0022_0004_19990107022140.INRX	1/9/1999 00:10:00	59	6.49	59	1,014.40	23.33						
0022_0004_19990107215531.INRX	1/9/1999 00:20:00	55	6.05	55	957.30	22.02						
0022_0004_19990109022225.INRX	1/11/1999 00:00:00	22	2.42	22	839.70	19.31						
0022_0004_19990110051614.INRX	1/12/1999 01:00:00	08	0.88	08	847.10	19.48						
0022_0004_19990110052141.INRX	1/12/1999 02:00:00	33	3.63	33	668.80	15.38						
0022_0004_19990110220253.INRX	1/12/1999 03:00:00	56	6.16	56	1,008.30	23.19						
0022_0004_19990111215735.INRX	1/13/1999 00:00:00	41	4.51	41	1,022.70	23.52						
0022_0004_19990112215445.INRX	1/14/1999 00:00:00	82	9.02	82	843.20	19.39						
0022_0004_19990114215618.INRX	1/16/1999 00:01:00	6	0.66	6	21.60	0.50						
0022_0004_19990114215902.INRX	1/16/1999 00:10:00	12	1.32	12	1,506.70	34.65						
0022_0004_19990114220222.INRX	1/16/1999 01:00:00	65	7.15	65	887.20	20.41						
0022_0004_19990115220013.INRX	1/17/1999 00:00:00	34	3.74	34	1,509.30	34.71						
0022_0004_19990116215041.INRX	1/18/1999 00:00:00	55	6.05	55	1,088.80	25.04						
0022_0004_19990118215434.INRX	1/20/1999 00:00:00	83	9.13	83	1,595.30	36.69						
0022_0004_19990120214231.INRX	1/22/1999 00:00:00	87	9.57	85	1,057.50	24.32			2	20.00		
0022_0004_19990123031220.INRX	1/25/1999 00:00:00	28	3.08	27	5,277.50	121.38	1	50.00				
0022_0004_19990123215019.INRX	1/25/1999 01:00:00	29	3.19	24	1,416.20	32.57	2	120.00			3	38.50
0022_0004_19990124215314.INRX	1/26/1999 00:00:00	90	9.9	90	1,692.50	38.93						
0022_0004_19990125215216.INRX	1/27/1999 00:00:00	06	0.66	04	1,273.40	29.29			1	10.00	1	0
0022_0004_19990128015547.INRX	1/30/1999 00:00:00	30	3.3	30	1,417.90	32.61						
0022_0004_19990129215839.INRX	1/31/1999 00:00:00	69	7.59	69	1,741.80	40.06						
0022_0004_19990129220005.INRX	1/31/1999 00:00:20	29	3.19	29	1,507.60	34.67						
0022_0004_19990130215427.INRX	1/31/1999 00:02:00	58	6.38	58	1,756.30	40.39						
0022_0004_19990131215514.INRX	1/31/1999 00:30:00	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/Time 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).

Sorting: ACK_DATE, IRXN_FILE

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

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	Ack Date	Total Count	PSNT			Reject Count	Reject AMT
			ORG	NEW	NET		
IRXN_FILE							
0022_0004_19990102010901.IRXN	01/02/1999 00:00:00	5	24.00	35.00	11.00	0	0.00
0022_0004_19990105012448.IRXN	01/05/1999 00:00:00	4	10.00	8.00	(2.00)	1	3.00
0022_0004_19990106011057.IRXN	01/06/1999 00:00:00	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:

Report IAG-6N

<div align="center">

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

</div>

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

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Entry Plaza	Entry Lane	Exit Plaza	Exit Lane	Class	Serial Num	Date/Time	Adj. Date	Reason	Adj. Amount
					|--------------- Original Transaction ---------------|			
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									

-
-
-

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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.

Sorting: ACK_DATE, INRX_FILE

<div align="right">Report IAG-7N</div>

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	00:00:00	0022_0004_19990102010901.INRX										
		12345678	0022000987654 3	8888888	01/19/99	08:39:56	42	01	44	03	16.00	RINV
		12437765	0022000232345 6	9999999	01/20/99	14:22:34	32	02	21	04	32.00	TAGB
	Subtotal										48.00	
01/25/99	01:00:00	0022_0004_19990105012448.INRX										
		12345987	0022000456789	7979797	01/23/99	10:37:45	19	03	23	01	45.00	ACCC
	Subtotal										45.00	
01/25/99	01:01:00	0022_0004_19990123215019.INRX										
		12346543	0022000987432 1	3434343	01/24/99	09:40:57	33	01	18	03	8.00	RINV
		12346457	0022000232345 7	9999999	01/24/99	16:03:32	17	02	21	04	20.50	TAGB
		12346980	0022000456789 4	7333343	01/24/99	11:27:43	31	03	29	01	10.00	TAGB
	Subtotal										38.50	
01/27/99	00:00:00	0022_0004_19990125215216.INRX										
		12347123	0022000567832	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.

Sorting: ACK_DATE, IRXN_FILE

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

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

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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	00:00:00	0022_0004_19990105012448.IRXN										
		12345444	0022000987343	4 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.

Sorting: ACK_DATE, INRX_FILE/IRXN_FILE

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

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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	01:00:00	0022_0004_19990105012448.INRX										
		12345444	0022000987343 4	8768763	12/30/98	08:39:56	42	01	44	03	(80.00)	C
03/06/98	00:00:01	0022_0004_19990305012234.INRX										
		33344445	0022000484843 2	4564789	09/01/98	08:39:56	42	01	44	03	(420.00)	C
07/05/98	02:00:02	0022_0004_19980704015667.IXRN										
		43456356	0022000555774 7	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

Sorting: ACK_DATE, INRX_FILE

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	00:00:00	0022_0004_19990120214231.INRX										
		11122334	0022000987654	3 8888888	01/19/99	08:39:56	42	01	44	03	5.00	NOCC
		13435477	0022000344444	4 9999999	01/20/99	14:22:34	32	02	21	04	15.00	NOCC
	Subtotal										20.00	
01/25/99	00:00:00	0022_0004_19990123031220.INRX										
		22345987	0022000456789	7979797	01/23/99	10:37:45	19	03	23	01	50.00	DECL
	Subtotal										50.00	
01/25/99	01:00:00	0022_0004_19990123215019.INRX										
		12346543	0022000987432	1 3434343	01/24/99	09:40:57	33	01	18	03	80.00	DECL
		12346457	0022000232345	7 9999999	01/24/99	16:03:32	17	02	21	04	40.00	DECL
	Subtotal										120.00	
01/27/99	00:00:00	0022_0004_19990125215216.INRX										
		12347123	0022000056783	2 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/Time 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.

Sorting: ACK_DATE, INRX_FILE

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
0022_0004_19990102010901.INRX	1/3/1999 00:00:00	31	4.65	3.41	1.24	0.62
0022_0004_19990105012448.INRX	1/7/1999 00:00:00	56	8.4	6.16	2.24	1.12
0022_0004_19990106011057.INRX	1/8/1999 00:00:00	75	11.25	8.25	3	1.5
0022_0004_19990106011458.INRX	1/8/1999 00:01:00	07	1.05	0.77	0.28	0.14
0022_0004_19990107022140.INRX	1/9/1999 00:00:00	59	8.85	6.49	2.36	1.18
0022_0004_19990107215531.INRX	1/9/1999 00:20:00	55	8.25	6.05	2.2	1.1
0022_0004_19990109022225.INRX	1/11/1999 00:00:00	22	3.3	2.42	0.88	0.44
0022_0004_19990110051614.INRX	1/12/1999 00:00:00	08	1.2	0.88	0.32	0.16
0022_0004_19990110052141.INRX	1/12/1999 00:10:00	33	4.95	3.63	1.32	0.66
0022_0004_19990110220253.INRX	1/12/1999 01:00:00	56	8.4	6.16	2.24	1.12
0022_0004_19990111215735.INRX	1/13/1999 00:00:00	41	6.15	4.51	1.64	0.82
0022_0004_19990112215445.INRX	1/14/1999 00:00:00	82	12.3	9.02	3.28	1.64
0022_0004_19990114215618.INRX	1/16/1999 00:00:00	6	0.9	0.66	0.24	0.12
0022_0004_19990114215902.INRX	1/16/1999 01:00:00	12	1.8	1.32	0.48	0.24
0022_0004_19990114220222.INRX	1/16/1999 10:00:00	65	9.75	7.15	2.6	1.3
0022_0004_19990115220013.INRX	1/17/1999 00:00:00	34	5.1	3.74	1.36	0.68
0022_0004_19990116215041.INRX	1/18/1999 00:00:00	55	8.25	6.05	2.2	1.1
0022_0004_19990118215434.INRX	1/20/1999 00:00:00	83	12.45	9.13	3.32	1.66
0022_0004_19990120214231.INRX	1/22/1999 00:00:00	87	13.05	9.57	3.48	1.74
0022_0004_19990123031220.INRX	1/25/1999 00:00:00	28	4.2	3.08	1.12	0.56
0022_0004_19990123215019.INRX	1/25/1999 02:00:00	29	4.35	3.19	1.16	0.58
0022_0004_19990124215314.INRX	1/26/1999 00:00:00	90	13.5	9.9	3.6	1.8
0022_0004_19990125215216.INRX	1/27/1999 00:00:00	06	0.9	0.66	0.24	0.12
0022_0004_19990128015547.INRX	1/30/1999 00:00:00	30	4.5	3.3	1.2	0.6
0022_0004_19990129215839.INRX	1/31/1999 00:01:00	69	10.35	7.59	2.76	1.38
0022_0004_19990129220005.INRX	1/31/1999 00:20:00	29	4.35	3.19	1.16	0.58
0022_0004_19990130215427.INRX	1/31/1999 03:00:00	58	8.7	6.38	2.32	1.16
0022_0004_19990131215514.INRX	1/31/1999 04:00:00	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 01.60.04 (08/21/2025) to CSC 01.60.04 (10/27/2025):
1.   Moved Processing Requirement #10 to replace #3 in Section 4.5 (and deleted #10) to address contradiction between old frequency specified in #3 and new frequency in #10.

Changes from CSC 01.60.03 to CSC 01.60.04 (08/21/2025):
1.   Changes in various locations to "plate-based" transactions instead of "image based".
2.   Clarification to Description of TAG_STATUS in Section 3.4.
3.   Processing Requirement #6 in Section 3.5 modified to clarify usage of the TAG_STATUS field.
4.   Processing Requirement #10 in Section 3.5 modified per #2 above.
5.   Added language in Section 4.3 to clarify that the Tag Status Update File does not impact the toll guarantee.
6.   Clarification to Description of TAG_STATUS in Section 4.4.
7.   Processing Requirement #8 in Section 4.5 modified to clarify usage of the TAG_STATUS field.
8.   Added Processing Requirement #10 in Section 4.5 to clarify frequency of Tag Status Update Files.
9.   Modification in Section 6.3 to refer to Process Requirements instead of "agreed upon business rules between the agencies" so as to standardize processing.
10. Clarification to Description of ETC_VALIDATION_STATUS in Section 6.4.
11. Updated Description of ETC_LIC_TYPE in Section 6.4 to address case where an Away Agency/CSC does not provide this field even though the ICLP did have LIC_TYPE populated.
12. Added Processing Requirements #10 and #11 in Section 6.5 to clarify contents of Transaction File and transaction posting guidelines.
13. Added Processing Requirement #12 in Section 6.5 to clarify frequency of Transaction Files.
14. Modifications in Section 7.4, Transaction Reconciliation File – Detail Structure to Description/Valid Values for:
     a.   ETC_POST_STATUS to clarify values included in settlement and resubmission/correction handling of INSU, ACCB and TAGB, to clarify usage of RJPL when ETC_LIC_TYPE is not provided and to clarify usage of RJDP for duplicate ETC_TRX_SERIAL_NUM values.
     b.   ETC_DEBIT_CREDIT to clarify usage.
     c.   ETC_OWED_AMOUNT to clarify usage.
15. Modification in Section 8.4, Correction File – Detail Structure to Description/Valid Values for "All other fields…" to include reference to new Processing Requirement #10 in Section 8.5 and other clarifying text.
16. Added Processing Requirement #10 to Section 8.5 to clarify what fields can be modified when submitted corrections.
17. Added Processing Requirement #11 in Section 8.5 to clarify frequency of Correction Files.
18. Modified Description in Section 10.4 of LIC_TYPE to remove reference to DMVs and that contents are not case sensitive.
19. Modified Description in Section 10.4 of LIC_EFFECTIVE_TO to clarify that, if provided, it must be greater than LIC_EFFECTIVE_FROM.
20. Modified Processing Requirement #3 of Section 10.5 to clarify plate selection criteria.
21. Modified Processing Requirement #4 of Section 10.5 to clarify population of records in the ICLP file.
22. Modified Processing Requirement #9 of Section 10.5 to clarify population of the LIC_TYPE field.
23. Modification in Section 15.4, Acknowledgement File – Detail Structure, to Description for RETURN_CODE to clarify usage of values 02 and 07.
24. Modified Processing Requirement #1 of Section 15.5 to clarify that an Acknowledgement File is always required.

Changes from CSC 01.60.02 to CSC 01.60.03 (06/17/2024):
1.   Added General Requirement #10 to Section 2.0 defining CHAR and NUM data Types. Along with that, made changes across multiple files redefining various CHAR Types to NUM Types.
2.   Updated valid range for all instances of Header Record RECORD_COUNT to start at 1 instead of 0 (zero). No files are allowed to have zero records.
3.   Added clarification text to TAG_ACCOUNT_NO, TAG_PROTOCOL,TAG_TYPE, TAG_MOUNT and TAG_CLASS in Section 3.4.
4.   Updated Processing Requirement #8 in Section 4.5 to clarify that the ITGU file does not affect the toll guarantee.

5. Added clarification text with regard to valid characters to ETC_ENTRY_PLAZA and ETC_EXIT_PLAZA in Section 6.4.
6. Added clarification text to ETC_POST_STATUS in Section 7.4.
7. Added clarification text and update CORR_REASON value of '05' in Section 8.4.
8. Removed Process Requirement #6 in Section 8.5 (reference to a limit on the number of correction/resubmissions for a transaction) based on decision by the Reciprocity Committee.
9. Added Processing Requirement #9 in Section 8.5.
10. Added clarification text to LIC_NUMBER and LIC_ACCOUNT_NO in Section 10.4.
11. Corrected Values for ETC_TAG_AGENCY and ETC_TAG_SERIAL_NUMBER in Section 11.4.
12. Added clarification text to CORR_REASON in Section 13.4.
13. Added clarification text to Requirements #1, #5 and #11 in Section 16.0.
14. Add new Requirements #2 and #3 in Section 16.0 (replacing previously deleted requirements).
15. Added report sorting requirements in Sections 18.0, 19.0, 23.0, 24.0, 29.0, 32.0, 33.0, 35.0, 36.0, 37.0, 38.0 and 39.0.

Changes from CSC 01.60.01 to CSC 01.60.02 (01/23/2023):
1. Added Section 1.1 to clarify definitions of various Agency term/references.
2. Reserved TAG_ACCT_INFO Bit 23 for Florida Non-Revenue in Section 3.4.
3. Added clarification text to TAG_HOME_AGENCY in Section 3.4.
4. Added clarification text to TAG_AC_TYPE_IND value of 'V' in Section 3.4.
5. Added values of 'H' and 'V' and added clarifications to TAG_TYPE of Section 3.4.
6. Clarified Processing Requirement #11 in Section 3.5.
7. Added clarification text to Section 6.3 for Home and Away Agency usage.
8. Clarified value of ETC_ACTUAL_AXLES for those facilities that do not capture axle count data in Section 6.4.
9. Added timing caveat to Processing Requirement #4 of Section 6.5.
10. Added clarification to Processing Requirement #8 of Section 6.5.
11. Reserved ETC_POST_PLAN value of '00023' for Florida Non-Revenue in Section 7.4.
12. Added reference to Appendix L in ETC_POST_STATUS of Section 7.4.
13. Clarified File Use of ICLP File in Section 10.3.
14. Clarified descriptions of LIC_EFFECTIVE_FROM, LIC_EFFECTIVE_TO, LIC_HOME_AGENCY, in Section 10.4.
15. LIC_GUARANTEED flag in Section 10.4 is no longer for future use and is now active per EMC Resolution 2022-08-02.
16. Added LIC_REGISTRATION_DATE and LIC_UPDATE_DATE to Detail Structure in Section 10.4.
17. Modified Processing Requirements #3, #4 and #5 in Section 10.5 to align with plate selection logic.
18. Added Processing Requirement #10 in Section 10.5 to address retention of plate data whose effective date has passed.
19. Added clarification text to Section 11.3 for Home and Away Agency usage.
20. Added Appendix references as necessary to Non-Toll Transaction File agency fields in Section 11.4.
21. Added Appendix references as necessary to Non-Toll Reconciliation File agency fields in Section 12.4.
22. Added Appendix references as necessary to Non-Toll Correction File agency fields in Section 13.4.
23. Added Appendix references as necessary to Non-Toll Correction Reconciliation File agency fields in Section 14.4.
24. Removed requirement #9 from Section 16, Transmission Methodology.
25. Added Appendix L, Toll Guarantee Scenarios.

Changes from CSC 01.60.01 to CSC 01.60.01 (12/22/2021):
1. Corrected typo on TAG_SERIAL_NUMBER Values (00000001 to 0000000001) in Section 3.4.
2. Corrected typo on TAG_SERIAL_NUMBER Values (00000001 to 0000000001) in Section 4.4.

Changes from CSC 01.60.01 to CSC 01.60.01 (03/11/2021):
1. Replaced embedded tag agency mapping table in Section 3.5, Processing Requirement #11 with reference to new Appendix K.
2. Added placeholder field of LIC_GUARANTEED to the ICLP file in Section 10.4.
3. Incorporated revised Appendix H – Inter-CSC Dispute Policy – approved by the EMC under Resolution 2021-04-02 on 04/08/2021.

Version CSC 01.60.01 was approved by the EMC under Resolution 2021-04-01 on 04/08/2021 with a goal of implementation not later than 12/31/2022.

Changes from CSC 01.60.01 to CSC 01.60.01 (02/25/2021):
1. Typo corrected in Section 3.5 Processing Requirement #6: "in" changed to "it".
2. Typo corrected in Section 10.3: "consistence" changed "consistency".
3. Section 8.4, added "ACCB" to list codes associated with CORR_REASON value of 06 to maintain consistency with Description of ETC_POST_STATUS field in Section 7.4.

Changes from CSC 01.60.00 to CSC 01.60.01 (01/08/2021):
Note: Referenced Tracking numbers can be found in the IAG ICD Issue Tracking document.
1. Miscellaneous edits to correct typos and minor formatting.
2. Format transaction entry and exit date/times per ISO-8601 w/TZ format (Tracking #1).
3. Format all other embedded date/time values per ISO-8601 UTC values (Tracking #2).
4. Removed individual tag status count fields from the ITAG and ITGU header records (Tracking #5).
5. Renamed TAG_STATUS value of '3' from 'Invalid' to 'Zero/Negative Balance' to better represent its actual usage.
6. Add example of TAG_ACCT_INFO field format (Tracking #9).
7. Clarified Processing Requirement #6 of the Tag Status File for tags with TAG_STATUS value of '3' (Tracking #8).
8. Added Processing Requirement #11 to the Tag Status File to clarify record uniqueness and expectations for multi-protocol tags (Tracking #22).
9. Added TAG_STATUS value of '4' to the Tag Status Update File (Tracking #32).
10. Clarified Processing Rule #8 of the Tag Status Update File for TAG_STATUS values of '3' and '4'.
11. Made explicit the requirement for license plate data in the Transaction File (Tracking #26).
12. Made explicit in the Reconciliation File the resubmission rules for rejected transactions based on ETC_POST_STATUS (Tracking #18).
13. Clarified File Use section of the Correction File that records may include resubmissions for unposted transactions.
14. Clarified CORR_REASON values of '04', '05' and '06' in the Correction File (Tracking #12).
15. Clarified valid characters for LIC_NUMBER in the Customer License Plate File (Tracking #14).
16. Clarified Processing Requirements #1 and #2 (Tracking #29) in the Customer License Plate File.
17. Updated Processing Requirement #3 in the Customer License Plate File to indicate preferred plate selection process (Tracking #35).
18. Restored a modified version of Processing Requirement #4 in the Customer License Plate File (Tracking #35).
19. Added Processing Requirement #9 to the Customer License Plate File to clarify expectations on usage of the LIC_TYPE field (Tracking #23).
20. Modified Processing Requirement #2 of the Acknowledgement File to remove reference to the 'grace period' that had been replaced by Processing Requirement #5.
21. Clarified Processing Requirement #5 of the Acknowledgement File that, even if a Home Agency/CSC uses an assumed activation date/time, the Away Agency/CSC is still obligated to eventually transmit an Acknowledgement File for an ITAG file (Tracking #33).
22. Clarified Requirement #4 of Transmission Methodology defining SFTP (Tracking #20).
23. Updated Requirement #5 of Transmission Methodology to utilize file renaming instead of CHECK files (Tracking #30).
24. Added Requirement #11 of Transmission Methodology to incorporate the EZIOP Hub's support of reduced file transmissions (Tracking #4).

Changes from CSC 1.51I to CSC 01.60.00 (02/07/2020)
1. Miscellaneous edits to correct typos and minor formatting.
2. Edits to Introduction (Section 1.0) to align with other changes.
3. Added Requirements #8 and #9 to General File and Report Requirements (Section 2.0).
4. Added field VERSION to the Header of all files in various sections.
5. Expanded Agency ID field from 3 to 4 characters in all file names, file contents and reports in various sections.
6. Expanded Tag Serial Number field from 8 to 10 characters in all files and reports in which it is used.
7. Expanded RECORD_COUNT and COUNT_STAT# fields from 8 to 10 characters in the Tag Status File (Section 3.4) and Tag Status Update File (Section 4.4).

8. Removed COUNT_STAT4 field from the Tag Status File (Section 3.4) and Tag Status Update File (Section 4.4).
9. Removed value of "4" from the TAG_STATUS field of the Tag Status File (Section 3.4) and Tag Status Update File (Section 4.4).
10. Set to "Reserved" the definition for Bits 7, 8 and 9 of the TAG_ACCT_INFO field of the Tag Status File (Section 3.4) and Tag Status Update File (Section 4.4).
11. Added fields TAG_HOME_AGENCY, TAG_AC_TYPE_IND, TAG_ACCOUNT_NO, TAG_PROTOCOL, TAG_TYPE, TAG_MOUNT, and TAG_CLASS to the Tag Status File (Section 3.4) and Tag Status Update File (Section 4.4).
12. Removed Processing Requirement #2 of the Tag Status File (Section 3.5).
13. Modified Processing Requirements #6 and #7 of the Tag Status File (Section 3.5) to clarify which transponder the Home Agency/CSC shall include in the file.
14. Modified Processing Requirement #10 of the Tag Status File (Section 3.5) to remove the reference to Lost/Stolen (status '4') tags.
15. Removed Processing Requirement #1 of the Tag Status Update File (Section 4.5).
16. Modified Processing Requirements #8 and #9 of the Tag Status File Update (Section 4.5) to clarify which transponder the Home Agency/CSC shall include in the file.
17. Removed the Invalid Tag Customer File (Section 5.0).
18. Modified the File Use of the Transaction File (Section 6.3) to allow for invalid tags to be included based upon agreed upon business rules.
19. Modified the Descriptions of the FROM_AGENCY_ID and TO_AGENCY_ID fields in the Transaction File Header (Section 6.4) to indicate that they must represent the Away Agency and Home Agency respectively.
20. Expanded the ICTX_FILE_NUM field from 6 to 12 characters in the Transaction File Header (Section 6.4).
21. Expanded the ETC_TRX_SERIAL_NUMBER field from 12 to 20 characters in the Transaction File (Section 6.4).
22. Modified the Descriptions of the ETC_ENTRY_TIME and ETC_EXIT_TIME fields in the Transaction File (Section 6.4) to indicate that these times are in local time of the facility and not UTC.
23. Expanded the ETC_ENTRY_PLAZA and ETC_EXIT_PLAZA fields from 3 to 15 characters in the Transaction File (Section 6.4).
24. Added Value of "O – ORT" to the ETC_LANE_MODE field of the Transaction File (Section 6.4).
25. Added Value of "3 – Invalid" to the ETC_VALIDATION_STATUS field of the Transaction File (Section 6.4).
26. Removed language from the Description of the ETC_LIC_NUMBER field of the Transaction File (Section 6.4) that allowed plate data not actually associated with the tag.
27. Added ETC_LIC_TYPE field to the Transaction File (Section 6.4).
28. Expanded the ETC_TOLL_AMOUNT field from 5 to 9 characters in the Transaction File (Section 6.4) and introduced a configurable maximum allowable value that would cause a unique reconciliation code if exceeded.
29. Clarified Processing Requirement #4 of the Transaction File (Section 6.5) to prevent multiple duplicate rejects from one posted transaction.
30. Modified Processing Requirement #8 of the Transaction File (Section 6.5) to clarify routing of transactions to the correct Home Agency.
31. Modified Processing Requirement #9 of the Transaction File (Section 6.5) to indicate that a Transaction File must be from the actual Away Agency to the Home Agency.
32. Modified the Descriptions of the FROM_AGENCY_ID and TO_AGENCY_ID fields in the Reconciliation File Header (Section 7.4) to indicate that they must represent the Home Agency and Away Agency respectively.
33. Expanded the ICTX_FILE_NUM field from 6 to 12 characters in the Reconciliation File Header (Section 7.4).
34. Expanded the ETC_TRX_SERIAL_NUMBER field from 12 to 20 characters in the Reconciliation File (Section 7.4).
35. Updated Description of the ETC_POST_STATUS field of the Reconciliation File (Section 7.4) to remove the reference to the Invalid Tag Customer File.
36. Updated Description of the ETC_POST_STATUS field of the Reconciliation File (Section 7.4) to clarify use of RJPL value.
37. Added Value of RJTA to the ETC_POST_STATUS field of the Reconciliation File (Section 7.4).
38. Expanded the ETC_OWED_AMOUNT field from 5 to 9 characters in the Reconciliation File (Section 7.4).

39. Added ETC_DUP_SERIAL_NUM field to the Reconciliation File (Section 7.4).
40. Removed Processing Requirement #3 of the Reconciliation File (Section 7.5).
41. Modified the Descriptions of the FROM_AGENCY_ID and TO_AGENCY_ID fields in the Correction File Header (Section 8.4) to indicate that they must represent the Away Agency and Home Agency respectively.
42. Expanded the ITXC_FILE_NUM field from 6 to 12 characters in the Correction File Header (Section 8.4).
43. Added new Values of 06, 07, and 08 to the CORR_REASON field of the Correction File (Section 8.4).
44. Other fields of the Correction File (Section 8.4) modified to match the Transaction File (Section 6.4).
45. Modified Processing Requirement #2 of the Correction File (Section 8.5) to clarify where corrections should be sent.
46. Removed Processing Requirement #3 of the Correction File (Section 8.5).
47. Modified Processing Requirement #4 of the Correction File (Section 8.5) to allow for multiple corrections to be submitted for the same transaction.
48. Added Processing Requirements #5, #6, #7 and #8 of the Correction File (Section 8.5).
49. Modified the Descriptions of the FROM_AGENCY_ID and TO_AGENCY_ID fields in the Correction Reconciliation File Header (Section 9.4) to indicate that they must represent the Home Agency and Away Agency respectively.
50. Expanded the ITXC_FILE_NUM field from 6 to 12 characters in the Correction Reconciliation File Header (Section 9.4).
51. Other fields of the Correction Reconciliation File (Section 9.4) modified to match the Reconciliation File (Section 7.4).
52. Expanded the RECORD_COUNT field from 8 to 10 characters of the Customer License Plate File Header (Section 10.4).
53. Modified the Description of the LIC_NUMBER field of the Customer License Plate File (Section 10.4) to clarify usage of special characters.
54. Expanded the LIC_TYPE field from 2 to 30 characters of the Customer License Plate File (Section 10.4) and clarified its expected values along with a reference to the new Appendix J.
55. Added LIC_EFFECTIVE_FROM, LIC_EFFECTIVE_TO, LIC_HOME_AGENCY, LIC_ACCOUNT_NO, and LIC_VIN fields to the Customer License Plate File (Section 10.4).
56. Removed Processing Requirement #4 of the Customer License Plate File (Section 10.5).
57. Updated Processing Requirement #5 of the Customer License Plate File (Section 10.5) to address usage of new effective from/to fields.
58. Updated Processing Requirement #7 of the Customer License Plate File (Section 10.5) to include the LIC_TYPE field.
59. Modified the Descriptions of the HOME_AGENCY_ID field in the Non-Toll Transaction File Header (Section 11.4) to indicate that it must represent the Home Agency of the tag.
60. Expanded the INTX_FILE_NUM field from 6 to 12 characters in the Non-Toll Transaction File Header (Section 11.4).
61. Expanded the ETC_TRX_SERIAL_NUMBER field from 12 to 20 characters in the Non-Toll Transaction File (Section 11.4).
62. Added ETC_LIC_TYPE field to the Non-Toll Transaction File (Section 11.4) for compatibility with the Transaction File.
63. Expanded the ETC_AMOUNT_DUE field from 7 to 9 characters in the Non-Toll Transaction File (Section 11.4).
64. Modified Processing Requirement #6 of the Non-Toll Transaction File (Section 11.5) to clarify routing of transactions to the Home Agency.
65. Modified the Descriptions of the HOME_AGENCY_ID field in the Non-Toll Reconciliation File Header (Section 12.4) to indicate that it must represent the Home Agency of the tag.
66. Expanded the INTX_FILE_NUM field from 6 to 12 characters in the Non-Toll Reconciliation File Header (Section 12.4).
67. Expanded the ETC_TRX_SERIAL_NUMBER field from 12 to 20 characters in the Non-Toll Reconciliation File (Section 12.4).
68. Expanded the ETC_OWED_AMOUNT field from 7 to 9 characters in the Non-Toll Reconciliation File (Section 12.4).
69. Modified the Descriptions of the HOME_AGENCY_ID field in the Non-Toll Correction File Header (Section 13.4) to indicate that it must represent the Home Agency of the tag.
70. Expanded the ITXN_FILE_NUM field from 6 to 12 characters in the Non-Toll Correction File Header (Section 13.4).

71. Other fields of the Non-Toll Correction File (Section 13.4) modified to match the Non-Toll Transaction File (Section 11.4).
72. Modified Processing Requirement #2 of the Non-Toll Correction File (Section 13.5) to clarify where corrections should be sent.
73. Modified the Descriptions of the HOME_AGENCY_ID field in the Non-Toll Correction Reconciliation File Header (Section 14.4) to indicate that it must represent the Home Agency of the tag.
74. Expanded the ITXN_FILE_NUM field from 6 to 12 characters in the Non-Toll Correction Reconciliation File Header (Section 14.4).
75. Other fields of the Non-Toll Correction Reconciliation File (Section 14.4) modified to match the Non-Toll Reconciliation File (Section 12.4).
76. Modified Description of Value '00' of the RETURN_CODE field of the Acknowledgement File (Section 15.4) to address Tag Status File activation/operative date/time.
77. Added Processing Requirement #5 of the Acknowledgement File (Section 15.5) to address Tag Status File activation.
78. Modified Requirement #1 of Transmission Methodology (Section 16.0) to address frequency of file transmissions.
79. Updated Requirement #4 of Transmission Methodology (Section 16.0) to require all transmission via SFTP.
80. Modified Requirement #5 of Transmission Methodology (Section 16.0) to clarify contents of the CHECK file.
81. Remove Requirement #6 of Transmission Methodology (Section 16.0).
82. Various report formatting updates to address new field sizes defined above. Even if a report sample was not modified, the reports may require modification to address these new field sizes.
83. Added Appendix J for LIC_PLATE_TYPE validation.

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 or 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 form 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 form 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 form 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 DelDOT (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.xlsx

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.xlsx

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.xlsx

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.xlsx

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.xlsx

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

F. Non-Toll Transaction Flow
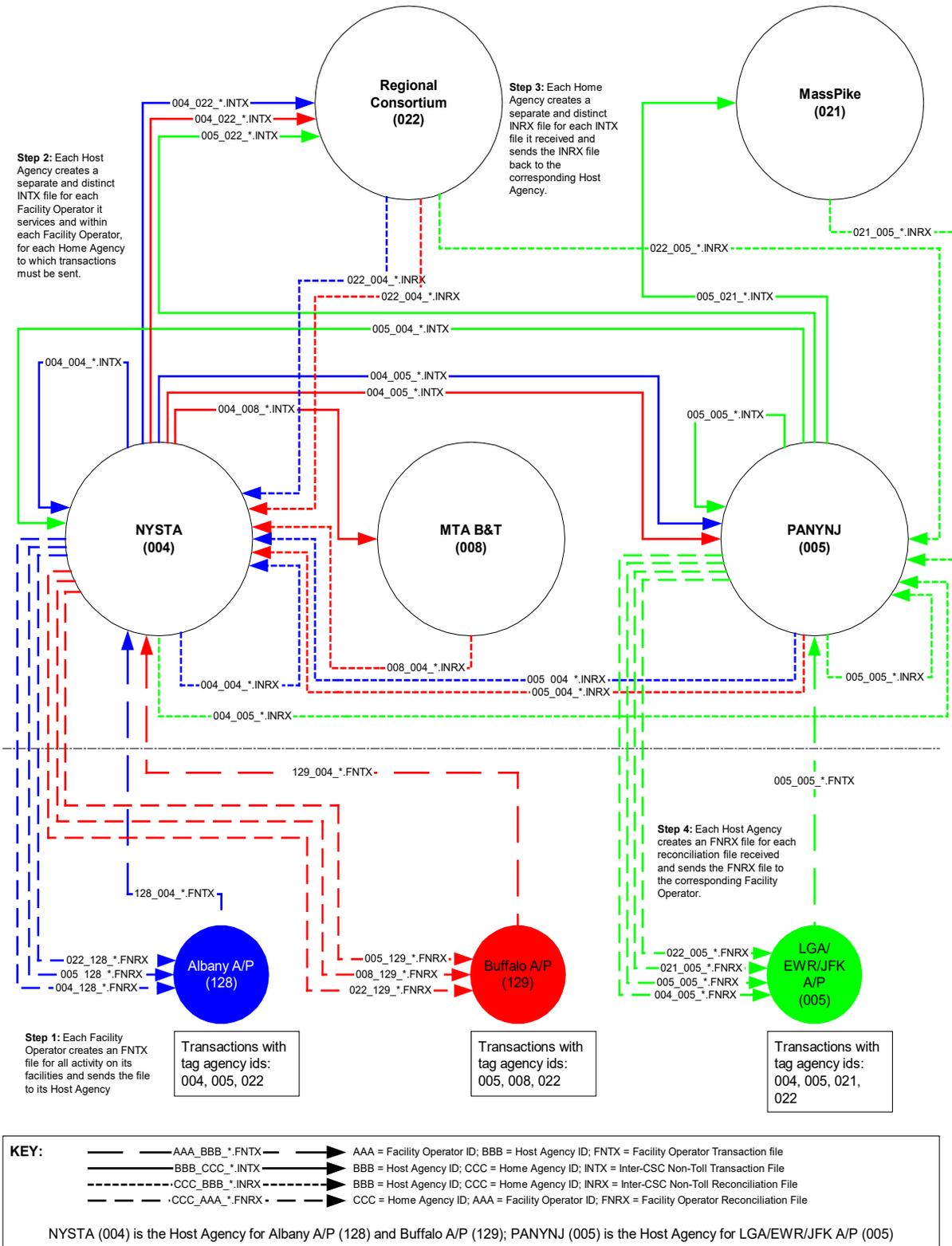
The Non-Toll transaction and reconciliation data flow is as follows:

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.xlsx

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

> **<u>Pennsylvania Turnpike (PTC)</u>**
> 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 <u>not</u> 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)[1] .

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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[1] 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?[2]	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. **Repeat occurrences for the same plate/tag require Pre-Approval.**	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.

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[2] 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.

Item #	Reason or Type of Txn	Automatic Pass Back?[2]	Allowable Credit	Description / Comments
5.	The customer is being charged differently than the vehicle driven.	No		The customer is being charged differently than the vehicle they are driving. This can be the result of: 1. Customers placing an incorrect tag on a vehicle 2. CSCs issuing the wrongly classed tag 3. AVC classification error 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. (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.
6.	Duplicate (for 2 or more transactions from tags or accounts managed from the same customer service center)	Yes	Full transaction amount	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. Occurring under the following circumstance for 2 or more transactions from tags or accounts managed from the same customer service center: 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". 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". 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: - 2 or more tags being read from the same account - 2 or more tags being read from 2 or more accounts for the same customer. - 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.)

Item #	Reason or Type of Txn	Automatic Pass Back?[2]	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	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. 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. 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. (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.)
8.	Tag Return	Yes	Full transaction amount	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. The Home Agency should reasonably determine that the tag was scheduled for mail delivery
9.	Car Carrier / Tow Truck	Yes	With Proper Documentation up to $100 per transaction	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. Home Agency must provide documentation to Away Agency upon request within 60 days.
10.	Lost / Stolen	No		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.
11.	Image Toll or Manual Toll	No		A toll is processed to a customer from an image, but the customer was identified incorrectly. 1. The wrong license plate was identified resulting in the wrong customer being charged. 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. A toll is processed to a customer's transponder account via some form of manual input or handheld reader, but is identified incorrectly 3. The wrong transponder number was transcribed by the toll collector (e.g. gated manual tolls).

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

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[3]
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.

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[3] 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.xlsx

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

J. ICLP File LIC_PLATE_TYPE Values

For the list of ICLP File LIC_PLATE_TYPE Values, please refer to the latest Spreadsheet entitled:

IAG Inter-CSC Files - Appendix YYYY-MM-DD.xlsx

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

K. Tag Agency Mapping

For the table of tag agency mapping, please refer to the latest Spreadsheet entitled:

IAG Inter-CSC Files - Appendix YYYY-MM-DD.xlsx

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

L. Toll Guarantee Scenarios

For the table of Toll Guarantee scenarios, please refer to the latest Spreadsheet entitled:

IAG Inter-CSC Files - Appendix YYYY-MM-DD.xlsx

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