

## SJS Interface Specification

Revision	Date	Author	Changes
1.0	2002-05-13	NYS DCJS	Original
1.1	2004-01-12	NYSDCJS	<p>Added full arrest address instead of only CTV code. Added full crime location address instead of only CTV code.</p> <p>Note: The above changes were made to make the interface between SJS and IM stronger. This will have no impact on what is sent to DCJS but will greatly reduce the dual entry for officers.</p>
1.2	2006-02-01	NYSDCJS	<p>Addition of the following fields</p> <ol style="list-style-type: none"> <li>1. Condition at Arrest</li> <li>2. CTV for home address</li> <li>3. Home Phone</li> <li>4. Residential Status</li> <li>5. Marital Status</li> <li>6. Education</li> <li>7. Employment</li> <li>8. Occupation</li> <li>9. bail amount</li> <li>10. search warrant</li> <li>11. statement</li> <li>12. warrant number</li> <li>13. religion</li> <li>14. *arrest for other agency info</li> <li>15. Employer Information</li> </ol> <p>All date formats are now yyyyddmm hh:mm:ss</p> <p>Photos returned by integration module will be stored in SJS for that arrest. File name must be 'mugshot.jpg' and located in the same directory as the record.xml file. Limit of size to 32k</p> <p>*When arresting for other agency The arrestingagency field will contain the arresting agency from the foa unless its an out of state manual entry in which case the arrestingagency will be the contributing agency.</p>
1.3	2007-05-23		<p>Addition of the following field:</p> <ol style="list-style-type: none"> <li>1. DIR Value of Y or N</li> </ol> <p>Y – Yes Domestic Incident Report Filed – indicator is placed on Fingerprint Card.</p>

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			N – No Domestic Incident Report filed. Indicator is blank on the fingerprint card
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## 1. Introduction

Spectrum Justice System (SJS) for Windows is an integrated law enforcement records management system developed and distributed by the New York State Division of Criminal Justice Services (DCJS). SJS was designed to help police officers perform their necessary functions including the processing and reporting of incident, arrest, and warrant records. Originally SJS was written for DOS and has been in the field for over 10 years. SJS DOS is installed in over 270 local police departments throughout the state. The redesign of the SJS DOS application, for the Windows architecture, was completed in 2001. An ongoing conversion of SJS DOS sites to the new Windows version continues, with expected completion by January 2003.

SJS was designed to help facilitate various reporting requirements. SJS can produce the standard incident report (SIR), the standard arrest report (SAR), warrant control sheet, arrest fingerprint cards for DCJS (adult and juvenile) and the FBI, and many other management reports. SJS provides the ability for the local agency to submit IBR, UCR (part I), and Crime mapping data, while maintaining data standards.

In the commitment by DCJS of federal and state resources to upgrading SJS to Windows, DCJS announced to the law enforcement community that SJS is the core product in a potential suite of products to improve records management and data sharing in New York. In this vein, DCJS also realizes that the strategic long-term solution for fingerprint and mugshot submissions should utilize the electronic delivery system known as Store and Forward (S&F). A large portion of local agencies currently using SJS would benefit immediately and immensely by having an interface using this S&F technology. Images and data could then be transmitted both to DCJS and the FBI electronically with results usually returned within three hours. This not only provides greater safety for the officer and for the community, but also provides complete criminal history and wanted information for arraignment in a timely manner.

The goal of this document is to define an interface specification so that SJS can submit to Store and Forward. This capability is accomplished by utilization of an interface between SJS and an Integration Module (IM). The Integration Module (IM) is third party server software that can communicate with DCJS via an interface defined in the New York State Criminal Justice Electronic Fingerprint Transmission Standard (NYSCJEFTS). A copy of the NYSCJEFTS can be found at the DCJS website. The links are <http://www.criminaljustice.state.ny.us/advtech/efts.htm> or <http://www.criminaljustice.state.ny.us/advtech/efts.pdf>. NYSCJEFTS uses a tagging mechanism developed by NIST (National Institute for Standards and Technology). It is similar in nature to XML (eXtensible Markup Language) in that each field has a tag so the receiving application knows what fields are in the record. Using the NIST format, the Integration Module has the ability to convert data fields into a NYSCJEFTS record and transmit it to DCJS. The Integration Module also has the ability to receive and handle response messages sent by DCJS. The Integration Module is independent of the various components connected to the server, such as livescan, cardscan, and a mugshot system, and is not proprietary to any specific vendor.

The SJS system is the core data repository for any participating law enforcement agency. The Integration Module is intended as a complement to SJS by offering the capability to electronically submit to and process responses from DCJS. In order to best leverage the benefit to the law enforcement agency, it is imperative that SJS and the Integration Module pass data between them. With this exchange of data, double entry is eliminated. Not only does this make the operations of the contributor more efficient, it also ensures that accurate and timely data is disseminated to the arresting agency, court, and DA.

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The SJS application is the initial entry point of data, and the Integration Module acts as a gateway to DCJS to transfer fingerprints and related information. In this case, SJS would be exporting the data and the Integration Module would be importing the initial information.

Once the Integration Module receives the processing response from DCJS, there should be a provision that would allow the Integration Module to pass the NYSID and FBI numbers, Identification result, and Criminal Justice Tracking number (arrests only) to SJS. The DCJS response will also be joined with the SJS arrest number kept by the Integration Module to help link back to the SJS system.

## 2. Business Flow

In order to be compatible, each system must be able to either import or export common data. Each system would write locally to their data storage and import from a remote data storage. This architecture allows one system to be down while the other is still functioning.

SJS is the primary data capture source and the IM is importing data from SJS. The operator (arresting agency employee) would enter all information into SJS. The operator would then select an option from the SJS menu to commence the livescan / cardscan export. At this point, the Integration Module would be responsible for importing the data into its records. The operator would use vendor supplied software to acquire the fingerprints (and as an auxiliary function, mugshots) and send the NYSCJEFTS submission to DCJS. DCJS will reply to the EFTS submission with an acknowledgement, a rejection, or an identification result (including non-idents) to the Integration Module. The Integration Module would then export the DCJS response data to the SJS application, allowing SJS to incorporate returned data into the SJS database. The SJS application will need to determine conflict resolution between SJS transmitted data and DCJS returned data. For example, SJS might submit a NYSID that is different from the NYSID returned in the DCJS response.

The SJS application generates an incident number and an arrest number for the arrested subject. These numbers will be used as a common link between the Integration Module and SJS.

The Integration Module System is not required to have persistent storage of the records.

## 3. Operating System

The SJS application is currently certified for Windows NT 4.0 and Windows 2000 Professional Server.

## 4. File-Based Transfers

Data will be transferred between systems through files. Both the SJS application and the Integration Module will have the ability to import data from the exporting system.

The advantage to having file-based transfers is the ability to continue work even when there is a communications failure between SJS and the Integration Module. A communications failure should not affect either system in any way. Since both systems will write all data to their local export directories, the updated records would remain until transferred to the other system. However, it is important to note that during a time when no communications link exists, neither system will be able to update the other system's records until the link is restored. Upon successful communication with the importing system, the record(s) would be transferred to the importing system which would then assimilate the data.

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Transportation of records between the two systems will occur using either an SMB connection or Windows file sharing.

## A. SMB Connectivity Information

The IM server's choice of operating system could be Unix/Linux. This presents a problem since SJS runs on a Windows-based operating system. If performing a file-based transfer using Network File System (NFS), the NT system must have a method by which to connect to the IM server for these transfers.

Where the IM's operating system is Unix/Linux, a SMB connection must be implemented to handle communication between the servers. SMB is used to provide network services to SMB (sometimes called "Lan Manager") clients, including various versions of MS Windows, OS/2, and other Linux machines (Figure 1). SMB uses NetBIOS over TCP/IP (NetBT) protocols and does NOT need NetBEUI (Microsoft Raw NetBIOS frame) protocol.

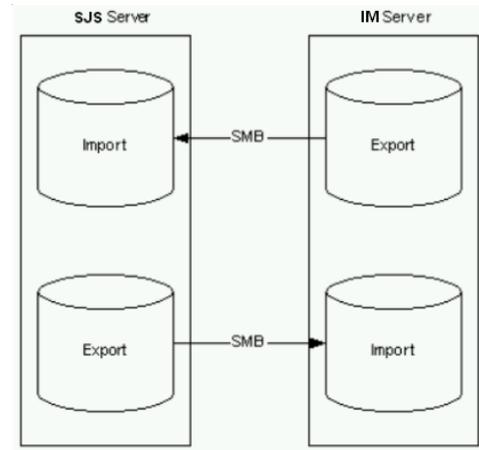


Figure 1 - SMB Transport

For more information on SMB, please visit <http://www.samba.org>.

## B. Windows Server

If the Integration Module server is a Windows Server, then the normal Windows directory and file sharing will apply.

## 5. Directory Structure

The SJS application and the Integration Module will each need to create an export directory on their respective servers. Each system will need to give the other system access to the export directory.

For every arrest saved by the SJS application or identification result received by the Integration Module and forwarded to the SJS application, a directory will be created (in the export directory) based on a 14-digit sequence number. The 14-digits will consist of CCYYMMDDHHMMSS, where:

CC	–	2-digit century	(e.g. "20")
YY	–	2-digit year	(e.g. "02")
MM	–	2-digit month	(e.g. "03")
DD	–	2-digit day	(e.g. "04")
HH	–	2-digit hour	(e.g. "05")
MM	–	2-digit minute	(e.g. "06")
SS	–	2 digit second	(e.g. "07")

Upon creation of this directory, the file extension will be named ".LOCK". This is to ensure that the importing system does not begin transferring information from the directory while the creating system is writing files to the directory. Once SJS has completed the file exports, the system will rename this directory's extension to ".READY". Therefore, the creating system is responsible for writing contents to the directory while it is locked. The consuming system will be responsible for

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directory contents once the directory is renamed to “.READY”. The consumer system is then responsible for removal of the directory upon completion of processing that directory’s contents. Since it may be possible for both an insert and multiple updates to exist at the same time, it is important that the Integration Module be able to read and process the directories in ascending order. This will ensure that the last record read for a given event is the most up-to-date. The same holds true for the SJS system. SJS must process the response from the Integration Module in ascending order.

The “.READY” directory will contain XML and JPG files. Demographic, Arrest, and Transaction data will be placed in a file named “record.xml”. This file will be formatted using the XML protocol. XML stands for **EX**tensible **M**arkup **L**anguage. XML is a markup language such as HTML, but its main purpose is to describe data and has become a standard for doing so. The file is in ASCII format.

The mugshot image file, which is optional, will have the extension “.JPG”. The “record.xml” file will reference the name of the image file. The image file will be located in the same directory as the “record.xml”. Release v1.2 will import mugshots into SJS. The file name must be mugshot.jpg and the size of the jpg cannot be more than 32K for versions of SJS 6.5 or less.

The exact structure of the file “record.xml” is described in Appendix A.

## 6. Transactions

The “record.xml” file will contain an attribute that describes what type of transaction is occurring. That attribute is called “InterfaceTransaction” and can have the following values:

### 6.1 SJS to Integration Module (IM)

- 6.1.1 ADD – The user added (created) an arrest record. Even when changes are made, SJS will create an ADD transaction type record. IMs with persistent storage will need to determine if a record for a particular arrest already exists. If a record exists then the ADD becomes an update rather than an insert. IMs without persistent storage will need to display the last ADD file sent so the user gets the most current data.
- 6.1.2 DELETE – The user deleted an arrest record in the SJS system. This is an auxiliary function and will be handled only if the Integration Module has persistent storage.
- 6.1.3 SEAL – The user sealed an arrest record in the SJS system. This is an auxiliary function and will be handled only if the Integration Module has persistent storage.

### 6.2 Integration Module (IM) to DCJS

The Integration Module is responsible for the NYSCJEFTS submissions to DCJS. The SJS system must define the Store and Forward ‘Type of Transaction’ (TOT). The “record.xml” file has an attribute named TOT, which correlates with the Store and Forward Type of Transaction (TOT). The following TOT’s will be handled:

- 6.2.1 CARAAR - Adult Arrest Submission
- 6.2.2 CARJDR - Juvenile Delinquent Submission
- 6.2.3 CARCIR - Criminal Inquiry<sup>1</sup>
- 6.2.4 CARADM - Institution Admissions<sup>2</sup>
- 6.2.5 CARREL - Institution Release Submission<sup>2</sup>

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## 6.2.6 FBICRM - FBI Arrest Resubmission<sup>3</sup>

<sup>1</sup> This is an auxiliary function awaiting additional development to SJS.

<sup>2</sup> Auxiliary function awaiting DCJS development specifications.

<sup>3</sup> Currently under development at DCJS. Expected operational April 2002

## 6.3 DCJS to Integration Module (IM)

### 6.3.1 SREACK - Transaction Accepted (SREACK)

This message is returned to indicate that DCJS has taken responsibility for the transaction and it may be removed from the Sender's transmission queue and the next transaction may now be submitted.

### 6.3.2 SRENYS - New York State's Identification Processing Results

This message contains the results of DCJS' identification process, including identification or non-identification, NYSID, and the present status of the individual on Interstate Identification Index (III).

### 6.3.3 ERRREJ - Transaction Error (ERRREJ)

This transaction is returned by DCJS to indicate either that the submitted transaction cannot be accepted (usually data or formatting errors) or that a transaction error was detected during processing (usually due to unacceptable fingerprint images).

## 6.4 Integration Module (IM) to SJS

6.4.1 IDENT – DCJS returned an Identification message, which could be either an Identification or Non-Identification of a person, to the Integration Module. The Integration Module will provide the Identification result, CJTN, SJS Arrest Number, NYSID Number, and FBI Number (if available).

6.4.2 REJECT – There has been a rejection from DCJS for the submission. The IM will provide the CJTN, SJS Arrest Number, and Reject Reason.

6.4.3 ACK – There has been an acknowledgement from DCJS that it has received the submission. The Integration Module will provide the CJTN (optional – Arrests only) and the SJS Arrest Number.

6.4.4 Do not send back a response for Delete and Seal transactions types.

## 7. File Structure

The structure of the "record.xml" file is described in Appendix A. This appendix shows the XML structure of the file and lists all the attributes that are required. The individual fields and their relationship to the NYSCJEFTS are described in Appendix B. All data elements will conform to NYS Data Standards unless otherwise noted.

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## Appendix A

### XML layout for "Record.XML"

#### APPENDIX A

```
<?xml version="1.0" encoding="UTF-8" ?>
- <Record>
  //Transaction Information
  <InterfaceTransaction>.....</InterfaceTransaction>
  <Resubmission>.....</Resubmission>
  <SubmittingAgency>.....</SubmittingAgency>
  <SubmittingEmployeeID>...</SubmittingEmployeeID>
  <TOT>.....</TOT>
  <Contributor>.....</Contributor>
  //Response Errors
- <Errors>
  // Multiple Errors can be returned from DCJS
  - <Error>
    <ResponseErrorCode>....</ResponseErrorCode>
    <ResponseErrorDesc>....</ResponseErrorDesc>
  </Error>
</Errors>
  //Arrest Table Information
  <ArrestDate>.....</ArrestDate>
  <PhotographNumber>.....</PhotographNumber>
  <AgencyDivision>.....</AgencyDivision>
  <ArrestType>.....</ArrestType>
  <ArrestingAgency>.....</ArrestingAgency>
  <FOAAgencyORI>.....</FOAAgencyORI>
  <FOAAgencyName>....</FOAAgencyName>
  <DIR>....</DIR>
  <ArrestNumber>.....</ArrestNumber>
  <ArrestingOfficerID>...</ArrestingOfficerID>
  <AssistingOfficerID>...</AssistingOfficerID>
  <AssistingAgencyORI>...</AssistingAgencyORI>
  <CJTN>.....</CJTN>
  <ArrestStatus>....</ArrestStatus>
  <CourtOfArraignment>...</CourtOfArraignment>
  <CourtOfJurisdiction>..</CourtOfJurisdiction>
  <DateOfArraignment>.....</DateOfArraignment>
  //Arrest Weapons Information
- <ArrestWeapons>
  //You can have multiple "Weapon" Objects
  <Weapon>....</Weapon>
</ArrestWeapons>
  //Arrest Location Information
- <ArrestLocation>
  - <xsl:for-each select="ArrestLocation/ArrestLocation_ROW">
    - <StreetNumber>
```

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## Appendix A

### XML layout for "Record.XML"

```
<xsl:value-of select="StreetNumber" />
</StreetNumber>
= <StreetName>
  <xsl:value-of select="StreetName" />
  </StreetName>
= <Building>
  <xsl:value-of select="Building" />
  </Building>
= <Apartment>
  <xsl:value-of select="Apartment" />
  </Apartment>
= <City>
  <xsl:value-of select="City" />
  </City>
= <State>
  <xsl:value-of select="State" />
  </State>
= <Zip>
  <xsl:value-of select="Zip" />
  </Zip>
= <CTVCode>
  <xsl:value-of select="CTVCode" />
  </CTVCode>
</xsl:for-each>
</ArrestLocation>
//Person Master Information
= <PersonMaster>
  <FBINumber>.....</FBINumber>
  <SSN>.....</SSN>
  <DOB>.....</DOB>
  <NYSIDNumber>....</NYSIDNumber>
//Name Information
= <PersonName>
  <LastName>.....</LastName>
  <FirstName>.....</FirstName>
  <MiddleName>.....</MiddleName>
  <Suffix>.....</Suffix>
</PersonName>
//Person Detail
= <PersonDetail>
  <Height>.....</Height>
  <Weight>.....</Weight>
  <Sex>.....</Sex>
  <Build>.....</Build>
  <Race>.....</Race>
  <SkinTone>.....</SkinTone>
  <EthnicOrigin>.....</EthnicOrigin>
```

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## Appendix A

### XML layout for "Record.XML"

```
<Age>.....</Age>
<AgeRange>.....</AgeRange>
<BirthState>.....</BirthState>
<Citizenship>.....</Citizenship>
<EyeColor>.....</EyeColor>
<HairColor>.....</HairColor>
<MiscDesc>.....</MiscDesc>
<Scars>.....</Scars>
<Marks>.....</Marks>
<Tattoos>.....</Tattoos>
<CautionAndMedicalConditions>.....</CautionAndMedicalConditions>
<ConditionAtArrest>05</ConditionAtArrest>
<ResidentialStatus>U</ResidentialStatus>
<MaritalStatus>3</MaritalStatus>
<Education>1</Education>
<Occupation>LAB</Occupation>
<EmployedStatus>2</EmployedStatus>
<EmployerName>JOE EMPLOYER</EmployerName>
<EmployerStreetName>STREET1</EmployerStreetName>
<EmployerStreet2Name>STREET2</EmployerStreet2Name>
<EmployerBuildingName>BLD</EmployerBuildingName>
<EmployerApartmentName>123</EmployerApartmentName>
<EmployerCity>EMPLOYERVILLE</EmployerCity>
<EmployerState>NY</EmployerState>
<EmployerPostalCode>120651236</EmployerPostalCode>
<EmployerLocationCode>2350</EmployerLocationCode>
<EmployerTelephoneNumber>1236547897</EmployerTelephoneNumber>
<EmployerTelephoneSuffix>123</EmployerTelephoneSuffix>
<HomeTelephoneNumber>8457914143</HomeTelephoneNumber>
<BailAmount>200000</BailAmount>
<SearchWarrant>NO</SearchWarrant>
<Statement>WRITTEN</Statement>
<WarrantNumber>123654</WarrantNumber>
<Religion>300</Religion>
//Address Information
= <HomeAddress>
  <StreetNumber>...</StreetNumber>
  <StreetName>.....</StreetName>
  <Building>.....</Building>
  <Apartment>.....</Apartment>
  <City>.....</City>
  <State>.....</State>
  <County>.....</County>
  <Country>.....</Country>
  <ZipCode>.....</ZipCode>
  <CTVCode> .....</CTVCode>
```

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## Appendix A

### XML layout for "Record.XML"

```

    </HomeAddress>
  </PersonDetail>
= <Alias>
  //You can have multiple "Name" Objects
  = <AliasName>
    <LastName>.....</LastName>
    <FirstName>.....</FirstName>
    <MiddleName>.....</MiddleName>
    <Suffix>.....</Suffix>
  </AliasName>
</Alias>
</PersonMaster>
//Warrant Information
= <Warrants>
  //You can have multiple "Warrant" Objects
  = <Warrant>
    <WarrantDate>....</WarrantDate>
    <WarrantNumber>..</WarrantNumber>
    <WarrantORI>.....</WarrantORI>
  </Warrant>
</Warrants>
//Incident Information
= <Incidents>
  //You can have multiple "Incident" objects
  = <Incident>
    <IncidentNumber>.....</IncidentNumber>
    <OccurrenceDateStart>...</OccurrenceDateStart>
    <ArresteeNumber>.....</ArresteeNumber>
  //Address Information
  = <CrimeLocation>
    = <xsl:for-each
      select="CrimeLocation/CrimeLocation_ITEM">
      = <StreetNumber>
        <xsl:value-of select="StreetNumber" />
      </StreetNumber>
      = <StreetName>
        <xsl:value-of select="StreetName" />
      </StreetName>
      = <Building>
        <xsl:value-of select="Building" />
      </Building>
      = <Apartment>
        <xsl:value-of select="Apartment" />
      </Apartment>
      = <City>
        <xsl:value-of select="City" />
    </xsl:for-each>
  </CrimeLocation>
</Incident>
</Incidents>

```

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## Appendix A

### XML layout for "Record.XML"

```

    </City>
  = <State>
    <xsl:value-of select="State" />
  </State>
  = <Zip>
    <xsl:value-of select="Zip" />
  </Zip>
  = <CTVCode>
    <xsl:value-of select="CTVCode" />
  </CTVCode>
</xsl:for-each>
</CrimeLocation>
//Arrest Charges Information
= <Charges>
  //Arrest Charges can have multiple objects
  = <Charge>
    <Counts>.....</Counts>
    <Law>.....</Law>
    <Section>.....</Section>
    <SubSection>.....</SubSection>
    <Attempt>.....</Attempt>
    <Class>.....</Class>
    <Category>.....</Category>
    <Degree>.....</Degree>
    <NCICCode>.....</NCICCode>
    <Fingerprintable>.....</Fingerprintable>
  </Charge>
</Charges>
</Incident>
</Incidents>

//Mugshot Information
= <Mugshots>
  //You can have multiple Mugshot Objects
  = <Mugshot>
    <Type>.....</Type>
    <ImageFlag>.....</ImageFlag>
    <PrimaryImageFlag>..</PrimaryImageFlag>
    <ImageFilename>.....</ImageFilename>
  </Mugshot>
</Mugshots>
// NYS Identification Results
= <IdentificationResult>
  <IdentNYSID>....</IdentNYSID>
  <IdentFBINumber>...</IdentFBINumber>
  <IdentSearchResults>...</IdentSearchResults>

```

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## Appendix A

### XML layout for "Record.XML"

```
</IdentificationResult>  
</Record>
```

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## Appendix B

### SJS Data mapping to NYSCJEFTS

#### APPENDIX B

XML Tag	EFTS Tag No.	CARAAR & FBICRM Mandatory / Optional	CARJDR Mandatory / Optional	CARCIR Mandatory / Optional	Comment(s)
<b>Record</b>					
<b>Transaction Information</b>					
InterfaceTransaction		M	M	M	This field is mandatory for the interface (see specification for details)
Resubmission	2.1000	3	3	3	Y/N value
<b>TCN</b>					
SubmittingAgency	1.08	M	M	M	
SubmittingEmployeeID	2.1004	M	M	M	
TOT	1.04	M	M	M	See section 6.2 of this specification
Contributor	2.1199	M	M	M	
<b>Errors</b>					
ResponseErrorCode	2.1090				See NYSCJEFTS for values
ResponseErrorDesc	2.60				See NYSCJEFTS for values
ArrestDate	2.0045	M	M		
<b>Arrest Information</b>					
ArrestDate	2.0045	M	M	O	
PhotographNumber	2.1077	O	O	O	
AgencyDivision	2.1203	O	O	O	
ArrestType	2.1209	2	2		Coded Value – See Data Dictionary
ArrestingAgency	2.1201	M	M		
FOAAgencyORI					
FOAAgencyName					
DIR	2.1226	2	2		Y/N
ArrestNumber	2.1210	O	O		
ArrestingOfficerID	2.1204	M	M		
AssistingOfficerID					Assisting Officer Id not used for Livescan/Cardscan
AssistingAgencyORI	2.1222	O	O		Agency assisting in arrest is not currently captured in SJS.
CJTN	2.1217	2	2		
ArrestStatus					Coded Value – See Data Dictionary
CourtOfArraignment	2.1216	M			
CourtOfJurisdiction	2.1218	4	4		
DateofArraignment **	2.1225	2	2		
<b>ArrestWeapons</b>					
Weapon	2.1211	O	O		Coded Value – See Data Dictionary

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## Appendix B

### SJS Data mapping to NYSCJEFTS

XML Tag	EFTS Tag No.	CARAAR & FBICRM Mandatory / Optional	CARJDR Mandatory / Optional	CARCIR Mandatory / Optional	Comment(s)
<b>ArrestLocation</b>					
StreetNumber					
StreetName					
Building					
Apartment					
City					
State					
Zip					
CTVCode	2.1206	M			Coded Value – See Data Dictionary
<b>PersonMaster</b>					
FBINumber	2.0014	O	O	O	
SSN	2.0016	2	2	2	
DOB **	2.0022	M	M	M	
NYSIDNumber	2.1101	2	2	2	
<b>PersonName</b>					
LastName	2.1110 (A)	M	M	M	
FirstName	2.1110 (B)	M	M	M	
MiddleName	2.1110 (C)	M	M	M	
Suffix	2.1110 (E)	M	M	M	Coded Value – See Data Dictionary
<b>PersonDetail</b>					
Height	2.0027	2	2	2	
Weight	2.0029	2	2	2	
Sex	2.1112	M	M	M	Coded Value – See Data Dictionary
Build					Coded Value – See Data Dictionary
Race	2.1113	M	M	M	Coded Value – See Data Dictionary
SkinTone	2.1114	2	2	2	Coded Value – See Data Dictionary
EthnicOrigin	2.1115	2	2	2	Coded Value – See Data Dictionary
Age	2.1116	5	5	5	
AgeRange	2.23	5	5	5	
BirthState	2.1117	2	2	2	Coded Value – See Data Dictionary
Citizenship	2.1118	O	O		Coded Value – See Data Dictionary
EyeColor	2.1120	2	2	2	Coded Value – See Data Dictionary
HairColor	2.1121	O	O	2	Coded Value – See Data Dictionary
MiscDesc	2.1123 (A,B,C,D)	O	O	O	
Scars	2.1126	O	O	O	
Marks	2.1126	O	O	O	
Tattoos	2.1126	O	O	O	

# SJS Interface Specification

## Appendix B

### SJS Data mapping to NYSCJEFTS

XML Tag	EFTS	CARAAR & FBICRM	CARJDR	CARCIR	
	Tag No.	Mandatory / Optional	Mandatory / Optional	Mandatory / Optional	Comment(s)
CautionAndMedicalConditions	2.1149	O	O		Coded Value – See Data Dictionary
<b>ConditionAtArrest</b>					Coded Value – See Data Dictionary Defendants Physical Condition
ResidentialStatus					Coded Value – See Data Dictionary <b>ARRESTEE RESIDENCE STATUS</b>
Marital Status					Coded Value – See Data Dictionary
Education					See Appendix D
Occupation					See Appendix D
EmployedStatus					Coded Value – See Data Dictionary
EmployerName					
EmployerStreetName					
EmployerStreetName2					
EmployerBuildingName					
EmployerApartmentName					
EmployerCity					
EmployerState					
EmployerPostalCode					
EmployerLocationCode					
EmployerTelephoneNumber					
HomeTelephoneNumber					
BailAmount					
SearchWarrant					See Appendix D
Statement					See Appendix D
Warrant Number					
Religion					Coded Value – See Data Dictionary
<b>HomeAddress</b>					
StreetNumber	2.1130(A)	2	2	2	
StreetName	2.1130(A)	2	2	2	
Building	2.1130(B)	2	2	2	
Apartment	2.1130(B)	2	2	2	
City	2.1130(C)	2	2	2	
State	2.1130(E)	2	2	2	Coded Value – See Data Dictionary
County	2.1130(D)	2	2	2	Coded Value – See Data Dictionary
Country	2.1130(E)	2	2	2	Coded Value – See Data Dictionary
ZipCode	2.1130(F)	2	2	2	
CTVCode					No matching EFTS
<b>AliasName</b>					
LastName	2.1111(A)	O	O	O	
FirstName	2.1111(B)	O	O	O	
MiddleName	2.1111(C)	O	O	O	
Suffix	2.1111(E)	O	O	O	See NYSCJEFTS – Table T9

# SJS Interface Specification

## Appendix B

### SJS Data mapping to NYSCJEFTS

XML Tag	EFTS Tag No.	CARAAR & FBICRM Mandatory / Optional	CARJDR Mandatory / Optional	CARCIR Mandatory / Optional	Comment(s)
<b>Warrant</b>					
WarrantDate **	2.1215(B)	O	O		
WarrantNumber	2.1215(C)	O	O		
WarrantORI	2.1215(A)	O	O		
<b>Incident</b>					
IncidentNumber	2.1223(A)	M	M		
OccurrenceDateStart **	2.1223(B)	M	M		
ArresteeNumber	2.1223(D)	M	M		
<b>CrimeLocation</b>					
StreetNumber					
StreetName					
Building					
Apartment					
City					
State					
Zip					
CTVCode	2.1223(C)	M	M		Coded Value – See Data Dictionary
<b>Charge</b>					
					Coded Value from Coded Law Tables
Counts	2.1223(M)	M	M		
Law	2.1223(E)	M	M		
Section	2.1223(F)	M	M		
SubSection	2.1223(G)	M	M		
Attempt	2.1223(K)	M	M		
Class	2.1223(H)	M	M		
Category	2.1223(I)	M	M		
Degree	2.1223(J)	M	M		
NCICCode	2.1223(L)	M	M		
Fingerprintable					Y/N At least one charge has to be fingerprintable for the two arrest TOTs
<b>Mugshots</b>					
Type	10.3				See NYSCJEFTS for values
ImageFlag					Y/N
PrimaryImageFlag					Y/N - default to Y since SJS handles only 1 image
ImageFileName					
<b>NYS Identification Results</b>					
IdentNYSID	2.1101	6	6	6	

# SJS Interface Specification

## Appendix B

### SJS Data mapping to NYSCJEFTS

XML Tag	EFTS	CARAAR & FBICRM	CARJDR	CARCIR	
	Tag No.	Mandatory / Optional	Mandatory / Optional	Mandatory / Optional	Comment(s)
IdentFBINumber	2.14	7	7	7	
IdentSearchResults	2.1100				Y/N

#### \*\* DATE FORMATS

All dates will use the following format MM/DD/YYYY HH:MM:SS. For example, 2/2/1975 0:0:0 or 12/30/1999 8:46:0.

# SJS Interface Specification

## Appendix C

### Appendix B Notes

#### APPENDIX C

Note Number	Description
1	This field may be included when fingerprint images are included in the transmission
2	This information should be included whenever known.
3	Only include this field when the transaction is a resubmission for a previously rejected transaction
4	Include only if different from Court of Arraignment (2.1216)
5	A value of "99" is interpreted as older than 98
6	Certain types of transactions do not always result in NYSID number. For example, a Criminal Inquiry that is not identified will not have a NYSID Number assigned.
7	If FBI response is not available at conclusion of DCJS processing, and the transaction was sent electronically to the FBI, a separate message may be sent via DCJS Secure Services when the FBI responds to DCJS.
M	Mandatory
O	Optional

# SJS Interface Specification

## Appendix D

### SJS data mapping

#### APPENDIX D

#### Education

Description	Code
NONE OR KINDERGARTEN	0
GRADE SCHOOL (ENTER 01-08)	1
HIGH SCHOOL (ENTER 09 - 12)	9
COLLEGE YEARS (ENTER 13-16)	13
MORE THAN COLLEGE (MS, DR, ETC)	17
MORE THAN COLLEGE (MS, DR, ETC)	99

#### Occupation

	169
ENGINEERS, SURVEYORS AND ARCHITECTS	9
	179
NATURAL SCIENTIST AND MATHEMATICIANS	9
	199
SOCIAL SCIENTISTS/WORKERS RELIGIOUS WORKERS AND LAWYERS	9
	229
TEACHERS, LIBRARIANS AND COUNSELORS	9
	269
HEALTH DIAGNOSING AND TREATING PRACTITIONERS	9
REGISTERED NURSES PHARMACISTS DIETITIANS THERAPISTS AND PHYSICIANS	299
ASSISTS	9
	329
WRITERS	9
	369
HEALTH TECHNOLOGISTS AND TECHNICIANS	9
	379
TECHNOLOGISTS AND TECHNICIANS EXCEPT HEALTH	9
	409
MARKETING AND SALES OCCUPATIONS	9
	459
ADMINISTRATIVE SUPPORT OCCUPATIONS INCLUDING CLERICAL	9
	509
SERVICE OCCUPATIONS	9
	559
AGRICULTURE FORESTRY AND FISHING OCCUPATIONS	9
	609
MECHANICS AND REPAIRERS	9
	639
CONSTRUCTION AND EXTRACTIVE OCCUPATIONS	9
	679
PRECISION PRODUCTION OCCUPATIONS	9
	719
PRODUCTION WORKING ARTISTS OCCUPATIONS ENTERTAINERS AND ATHLETES	9
	819
TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	9

# SJS Interface Specification

## Appendix D

### SJS data mapping

HANDLERS EQUIPMENT CLEANERS HELPERS AND LABORERS	859
	9
MILITARY OCCUPATIONS	910
CLERICAL	0
CRAFTSMAN	CLK
LABORER	CRA
EXECUTIVE, ADMIN AND MANAGERIAL OCCUPATIONS	LAB
MISCELLANEOUS OCCUPATIONS	MAN
OPERATIVE	MSC
PROFESSIONAL	OPR
STUDENT	PRO
UNKNOWN	STU
NOT REPORTED	U
	XXX

### Search Warrant

Yes
No
Unknown

### Statement

Verbal
Written
Both
None