Interstate Criminal History Transmission Specification

XML Version 4.0

Joint Task Force on Rap Sheet Standardization

August, 2009
VERSION NOTES:

12/01/2008:
  • Migrated Version 3.01 (GJXDM) to a specification conformant with NIEM 2.0
  • Revised nc:EmployeeOccupation to optional
  • Revised nc:DispositionDate to optional
  • Removed nc:DriverLicenseIdentification from RapSheetRequestType, as it is present within the rap:RapSheetPerson construct, however, provided all potential query parameters under documentation

02/11/2009:
  • Removed the requirement that nc:PhysicalFeatureCategoryText be of value “Scar,” “Mark” or “Tattoo” only
  • Revised the NIEM to Text Stylesheet example to correct errors noted following implementation

8/15/2009:
  • Corrected documentation to reflect LocationStreet and StreetFullText cardinality
  • Corrected typographical errors in documentation
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1.0 Introduction

1.1 Background

For more than forty years, Nlets, The International Justice and Public Safety Network (“Nlets”), has provided its users with criminal history record information (“CHRI”) from state and federal repositories via a standardized, secure and efficient methodology. This capability has enabled the states and the Federal Bureau of Investigation (“FBI”) to respond automatically to requests from other users over the Nlets network.

In 1995, the National Task Force on Increasing the Utility of the Criminal History Record recommended the creation of a standard transmission format for the interstate sharing of criminal history information. The task force determined that improvements were needed to normalize the variety of formats, content, and terminology that made it difficult for out-of-state users, and particularly noncriminal justice users, to decipher criminal history records. Subsequently a Joint Task Force on Rap Sheet Standardization (“JTF”) was formed to develop a standardized criminal history transmission format, which would support a greater range of information and which would be easier to comprehend.

During the past decade, the JTF has produced an eXtensible Markup Language (“XML”) based transmission specification that has been adopted by several states and the FBI. Version 3.01 of the JTF Rap Sheet, conforming to the Global Justice XML Data Model (“GJXDM”) was published in July, 2005, and implemented by the FBI via programming at Nlets. During the past year a Version 4.0 Rap Sheet has been developed, evolving the specification to conform to the National Information Exchange Model (“NIEM”). The FBI and states throughout the nation are now able to transmit a standard Rap Sheet, utilizing either version, with Nlets providing a transformation service translating one XML format to another, and supporting standardized CHRI content among the exchanging states.

1.2 Joint Task Force Accomplishments

The Joint Task Force on Rap Sheet Standardization has accomplished several important objectives:

- An XML based standardized criminal history transmission format
- A presentation format leveraging the XML transmission format
Instruments to provide transformation from GJXDM to NIEM and vice-versa, supporting the government’s strategic and tactical planning for XML implementation.

Implementation of this specification by all states and the FBI benefits the end user of criminal history records by providing information that is more easily understood, more complete, more timely and of higher accuracy than was heretofore possible. The specification provides a method by which an authorized user who requests an interstate criminal history record, regardless of the request method:

- Will always\(^1\) receive the same set of information
- Upon request will receive the record in computer-readable format\(^2\) for use in filling display screens, data entry screens or databases, or for editing or state-specific presentation formats
- Upon request will receive the record at an approved destination whether or not\(^3\) it is served by an intrastate law enforcement network.

This version of the Interstate Criminal History Transmission Specification, Version 4.0, is based upon the National Information Exchange Model (NIEM), Version 2.0. The informational content is largely unchanged from the previous GJXDM versions 3.X, and the ANSI/NIST ITL versions 1.X.

### 1.3 Organization of the JTF Specification

The specification has been divided into five sections and seven appendices. The Introduction provides a high level description of the XML national standardized rap sheet project. This summary gives the reader an understanding of both the history of the project, the reasons for its creation, and the anticipated benefits. The sections following this provide specifications for the implementation of the standardized rap sheet using XML. A brief description of each section follows:

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\(^1\)Responses to III requests use FBI-held information for non-III states and state data for III and NFF states. Responses to fingerprint submissions use FBI data for both non-III and III state’s data. NFF states provide their data to the FBI for inclusion in responses to fingerprint submissions. This specification calls for use of state data for all responses for data held by III-states. The exception is for non-criminal justice purpose codes, where use of state-held data is limited to those states that have signed the interstate National Crime Prevention and Privacy Compact or are III/NFF participants.

\(^2\) The first computer readable format is the transmission format. Others may be developed in the future.

\(^3\) For example, states and/or Nlets may provide facsimile servers and e-mail servers to get the record to the final destination.
1.0 Introduction
This section presents a brief background of the project since its inception.

2.0 Public Safety and the Criminal History Record: An Illustrative Implementation of the Interstate Criminal History Specification
This section provides a general overview of the project and a detailed description of the process for using XML to support the exchange of rap sheets.

3.0 Element Dictionary
This section describes all of the data elements and their XML tags for the national rap sheet.

4.0 Rap Sheet Definition
This section contains the full rap sheet definition including the graphical model and hierarchical structure of the rap sheet and the XML schema definition of the root rap sheet exchange element and all its child elements.

5.0 XML Instance
This section presents an example of an XML rap sheet which was successfully validated during testing with Nlets. This instance is also transformed into plain text output via an Extensible Stylesheet Language Transformation (XSLT), provided in Appendix C, and illustrated in Appendix D.

Appendix A Describing Data with XML
This appendix provides a brief primer of the XML conventions adopted for use in defining the rap sheet.

Appendix B XML Application
This appendix provides a technical description of methods to use the XML rap sheet once it has been received by the state. This may include excerpting data and creating a presentation of a rap sheet for display.

Appendix C NIEM to Text Style Sheet
This appendix provides an Extensible Stylesheet Language Transformation (XSLT), which defines a set of rules for displaying an XML transmission format rap sheet into an end user readable format.

Appendix D Example Text Rap Sheet
This appendix shows the result of transforming the example rap sheet using the NIEM to Text style sheet provided in Appendix C

Appendix E Reference Documents
This appendix presents a list of the source materials that were used to create this specification, as well as informative reference material.
Appendix F  Joint Task Force on Rap Sheet Standardization Participants
This appendix identifies past and present Joint Task Force members and other participants.

Appendix G  National Task Force on Increasing the Utility of the Criminal History Record (1993 - 1995)
The National Task Force developed the concept of a presentation format for an interstate rap sheet. Its work provided the foundation for the Joint Task Force on Rap Sheet Standardization. This Appendix identifies the members of the National Task Force.

2.0 Public Safety and the Criminal History Record: An Illustrative Implementation of the Interstate Criminal History Specification

2.1 The Importance of the Criminal History Record and a Uniform Standard
Public policy demands background screening of applicants for positions of trust in and outside of government, and volunteers, especially those who work with our most vulnerable populations – children, the elderly, and the disabled. Legislation enacted to strengthen homeland security in the wake of September 11, 2001 expands the types of positions and activities for which background screening, including a criminal history check, is required. This noncriminal justice purpose suitability evaluation enhances public safety by denying jobs and opportunities to those whose criminal history records suggest a potential to do harm or are otherwise unfit.

The criminal history record is central to the effective functioning of the criminal justice system. Research has shown that as many as two-thirds of all persons arrested for criminal offenses have prior criminal records, often including offenses in multiple jurisdictions or States. At every stage of the criminal justice system the criminal history record supports decision making. It is used by the police in many ways, including as an investigative tool and to determine a suspect’s current status as a probationer, parolee, or bailee. The presence or absence of a prior criminal record is arguably the most relevant information to a judge or magistrate making a pretrial decision on whether and under what conditions to release a person on bail. Prosecutors use criminal history records from the moment they become involved in criminal cases until the cases are terminated at the defendants’ parole hearings or earlier. Courts customarily receive

criminal history information in modified form such as in bail reports, or presentence reports prepared by probation departments, or in presentations by the prosecutor. Among the uses of the criminal history record by correctional agencies are inmate classification and making decisions about eligibility for good time credits, early release, work furlough, or release on parole.

At the State level criminal history records are collected, maintained, and disseminated by “State Central Repositories.” These agencies or bureaus within State government are often housed within the State Police, a cabinet-level agency such as the Department of Public Safety or the Attorney General’s Office. Typically, State law requires the repository to establish comprehensive criminal history records and establish rules and regulations for their dissemination to criminal justice and noncriminal justice users. All 50 States, Puerto Rico, and the District of Columbia have established central repositories for criminal history records.

At the Federal level, the FBI is the criminal history information repository for both Federal and foreign offender information and for records of arrests and dispositions forwarded to the FBI from the State records repositories or, to a much lesser extent, from local law enforcement agencies. 5

A uniform criminal history record format has never been made mandatory. Likewise, no mandatory guidelines regarding the content of criminal history records have ever been promulgated. State and Federal repositories have been left to adopt their own record formats and approaches concerning the types of offenses that should be included on criminal history records and the types of information that should be included. Not surprisingly, this has resulted in considerable diversity in the content and formats of the criminal history records presently generated by the State repositories and the FBI, often leading to difficulty in interpreting the information provided. This confusion is frequently heightened when the information user is from a state other than that which provided the information. Similarly, noncriminal justice users often lack the knowledge and experience to competently interpret the differences in details and layout among the many pieces of information that may surface from a criminal history records check. National adoption of this voluntary Interstate Criminal History Transmission Specification and its associated presentation format, resolves many of the difficulties that hamper the exchange and interpretation of criminal history records.

### 2.2 The Criminal Records Information Exchange System

The Interstate Identification Index (“III”) System is an interstate/Federal-State computer network that provides the means of conducting national criminal history record searches to determine whether a person has a record anywhere in the country. It is designed to tie the

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5 The decision to channel all arrest and disposition information from within a state through the State repository to the FBI is a State decision. States began instituting this practice as early as 1973. As of June, 2002, 49 States, the District of Columbia and Guam are sole-source program participants.
automated criminal history record databases of State central repositories and the FBI together into a national system by means of an “index-pointer” approach. Here, the FBI maintains an automated master name index, which includes name and identifying data concerning all persons whose automated criminal history records are available by means of the III System.

If a search of the III Index indicates that the search subject has an indexed record, the index will “point” the inquiring agency to the FBI and/or to one or more of the State repositories from which the record or records may be obtained. The inquiring agency is then provided the records directly from the indicated sources by means of The International Justice and Public Safety Network (“Nlets”). The FBI also maintains the National Fingerprint File (NFF), a database of fingerprints, relating to an arrested or charged individual maintained by the FBI to provide positive identification of record subject indexed in the III System.

The III System is fully operational nationwide. The NCIC system and interfaced State telecommunication systems, together with the FBI’s Integrated Automated Fingerprint Identification System (IAFIS) and computerized State criminal history systems provide III system access to Federal, State, and local criminal justice agencies throughout the country. The system is used to conduct national searches, both name and fingerprint-based, and to provide records responses from FBI and State repository sources for both criminal justice and noncriminal justice purposes. Procedures for conducting searches for criminal justice purposes differ from those for conducting searches for noncriminal justice purposes. Similarly, the process for responding to inquiries differs based on whether the request is initiated by a fingerprint submission or whether it is name based, and whether it is for a criminal justice or noncriminal justice purpose.

2.3 Record Request

Requests for rap sheets begin with a message requesting criminal history information to the FBI/III system, or a message to a state criminal history repository or with a fingerprint submission to the FBI. In any case, a national rap sheet may be generated and will be processed by Nlets.

A request for a criminal history record is formulated as a QR transaction containing either the FBI number or a SID (State Identification Number, usually assigned by a state fingerprint identification bureau). Once the request is received by the FBI/III, the state repositories which hold the record portions will be notified electronically via $.A.CHR messages. Each $.A.CHR message describes the record to be retrieved and the destination of the rap sheet. The FBI/III will simultaneously notify Nlets with the same information using the standard notification sent to states, commonly known as the “EL01” and “FL01” messages. These messages contain an index of the state and/or federal records to be transmitted via by Nlets.
The FBI/III responds to the requester via the National Crime Information Center (NCIC) telecommunications network with a message indicating that the response is being processed and the type of response the requester should expect:

A message header beginning with “F” indicates that FBI/III will be the sole respondent or one of multiple respondents, and provides the FBI number and the SID(s) of any state segments.

A message header beginning with “E” indicates that one or more states will respond but FBI/III will not, and provides the FBI number and the SID(s) of the state segments.

A message header beginning with “N” indicates that no record matching the QR query terms can be found and processing ceases.

An Nlets request for an out-of-state criminal history is triggered by an Nlets IQ or FQ record request transaction, transmitted to the record-holding state via Nlets. No special handling at the time of inquiry is needed to process such a query.

The FBI type “F” response format is shown in the following example. The critical elements of the message, on which successful processing depends, are shown underscored.

```
FL01HEADERXXX01234
    AKAST0100
    THIS INTERSTATE IDENTIFICATION INDEX RESPONSE IS THE RESULT OF YOUR RECORD REQUEST FOR FBI/901100.
    INDIVIDUAL'S RECORD WILL BE COMPLETE WHEN ALL RESPONSES ARE RECEIVED FROM THE FOLLOWING SOURCES
    EXCEPT FOR THOSE INDICATED AS DECEASED:
      FBI - FBI/901100
      NORTH CAROLINA - STATE ID/NC0142585A - DECEASED
      TEXAS - STATE ID/TX01346790

END
```

The FBI type “E” response format is shown in the following example. The critical elements of the message, on which successful processing depends, are shown underscored.

```
EL01HEADERXXX01234
    AKAST0100
    THIS INTERSTATE IDENTIFICATION INDEX RESPONSE IS THE RESULT OF YOUR RECORD REQUEST FOR FBI/901100.
    INDIVIDUAL'S RECORD WILL BE COMPLETE WHEN ALL RESPONSES ARE RECEIVED FROM THE FOLLOWING SOURCES
    EXCEPT FOR THOSE INDICATED AS DECEASED:
      NORTH CAROLINA - STATE ID/NC0142585A - DECEASED
      TEXAS - STATE ID/TX01346790

END
```

For both type “E” and type “F” responses, the critical format items are as follows. The field AKAST0100, which must appear as the first line, is the requester ORI. If an FBI number preceded by FBI/ is in the narrative block, it will be used to determine whether state records received are part of this merge operation. If an SID number preceded by SID/ is in the narrative block, it —
along with the other SID numbers in the record — will be used to determine whether state records received are part of the merge operation. The individual state or FBI responses are compared to these numbers to select records for the merge operations. The processing of responder lines depends on the leading space character, the presence of a space-surrounded hyphen, the STATE ID/ or FBI/ tag, and the optional word DECEASED preceded by a space-surrounded hyphen.

The requester and FBI or SID numbers comprise the unique key for the merge-tracking entry. For this reason, a requester cannot have more than one request for the same FBI or SID numbers active at any one time. If this restriction is violated, results are somewhat unpredictable and will probably result in a single response being issued by Nlets and duplicate responder state rap sheets being ignored.

### 2.4 Migration to XML Supported by Extensible Stylesheet Language Transformation (XSLT)

All states and the FBI will be participants when the Interstate Criminal History Transmission Specification is fully implemented. This has been occurring gradually since 2005, and with recent support from the Bureau of Justice Statistics Criminal History Information Exchange Format (CHIEF) funding, numerous states are now able to implement the specification. Nlets continues to provide a bridge between the states and the FBI, transforming between GJXDM, NIEM, and plain text criminal history information per the requirements of the recipient.

Nlets has developed Extensible Stylesheet Language Transformations (XSLTs) to transform from Version 2.21 to GJXDM, from GJXDM (Version 3.01) to NIEM (Version 4.0) and from NIEM to GJXDM. The transformation XSLTs are available as supplemental technical artifacts to the specification.

Nlets has also developed an XSLT to transform from GJXDM to text, and an XSLT to transform from NIEM to text, in order to provide human readable CHRI content in a standard presentation format. The NIEM to text stylesheet is defined in Appendix C, and illustrated in Appendix D.

### 2.5 Criminal History Transmission to Nlets

Regardless of the request method, a time comes when a criminal history is generated and prepared for transmission. In cases where the FBI/III holds the entire record, it will transmit the record using the Nlets network. In cases where one or more states hold the record or portions thereof (FBI/III may also hold a part of the record), each holder will transmit its portion to the requester using the Nlets network.

To facilitate this, the FBI will include, in all EL01 and FL01 messages, a listing of all states that hold a record on the subject rather than just a notification that the requesting state also may
have a record on the subject. In these instances, the state of inquiry will also receive a $.A.CHR message. Rap sheets sent by the holder in any format other than the transmission format are sent as normal text-based Nlets messages and are passed through directly to the requester via Nlets.
3.0 Element Dictionary

The element dictionary defines the contents of the elements in the standard Rap Sheet document. In general, if an element is optional and the sender has no data for that element, then the element should not be transmitted. When the sender has no data for a required element, the word "Unknown" is the preferred value, as in these examples:

```xml
<rap:EntityOrganization>
  <nc:OrganizationName>Unknown</nc:OrganizationName>
</rap:EntityOrganization>

<nc:DriverLicenseIdentification>
  <nc:IdentificationID>C4556289248R</nc:IdentificationID>
  <nc:IdentificationJurisdictionText>
    Unknown
  </nc:IdentificationJurisdictionText>
</nc:DriverLicenseIdentification>
```

Where data elements conform to the National Information Exchange Model (NIEM), definitions have been copied from the model and appear in this format:

NIEM: A number issued by the FBI's Automated Fingerprint Identification System (AFIS) based on submitted fingerprints.

These definitions have been reproduced from NIEM version 2.0. See the current version for most recent definitions at [http://niem.gov](http://niem.gov). Namespace references for elements conforming to the NIEM in this specification appear in this format: `<nc:>, `<j:>, `<scr:>, and, less often, as other various prefixes, depending on the NIEM namespace being used. Namespace references for elements that extend to NIEM appear in this format: `<rap:`.

The `<rap:RapSheet>` element itself has two required pieces of metadata and two required attributes: `nc:ReportedDate/nc:Date`, `rap:Version`, `@xmlns`, and `@metadata`. The ReportedDate is the date the rapsheet was created. The format for the date is CCYY[-MM[-DD]]. A standard XML name space must be specified in the xmlns attribute using the values printed in the example below. This gives a reference to the origin of the definition for the `<rap:RapSheet>` element. The Version must specify the version of the rap sheet definition to which the XML document conforms. For this specification, Version must have the value “4.0”. The ReportedDate and Version elements are encapsulated in a rap:Metadata element. This element must have an `@s:id` attribute. The rap:RapSheet element itself must have an `@s:metadata` attribute that contains the same ID value as the `@s:id` attribute in the rap:Metadata element, thus linking the two.

Example:
```
<rap:RapSheet s:metadata="meta01"
  xmlns:rap="http://nlets.org/niem2/rapsheet/4.0"
  xmlns:nc="http://niem.gov/niem/niem-core/2.0"
```
The namespace in the above example is coded with explicitly cited namespaces. It could also be created with a default name space. It would then apply to all sub-elements within a <rap:RapSheet> instance that do not have an explicitly cited namespace. For clarity, all elements in this specification have an explicit namespace.

The overall organization of the rapsheet under the NIEM is very different from GJXDM-based versions. The NIEM creates a number of peer level objects that are linked with Associations. This differs from the hierarchical approach used with the GJXDM. These associations are noted in the following documentation, but are most clearly seen by examining sample instance documents.

### 3.1 Introduction (<rap:Introduction>)

The <rap:Introduction> element contains reference information gathered from the inquiry transaction (e.g., IQ, FQ, or CHR) and also special caveats relating to use and dissemination of the criminal history record.

**Record Caveat Information (<rap:Caveat>):**

The optional Record Caveat Information contains a free-text message relating to the production or use of the rapsheet. This element is not intended to report information about the subject person. Use <j:SubjectOffenderNoticeText> or <j:SubjectCautionInformationCaveat> under <rap:RapSheetPerson> to report information about the subject. The <rap:Caveat> element is a wrapper for the text, reference date, and issuing authority elements that follow.

**Caveat Literal (<nc:CaveatText>):**

**NIEM:** A word or caution.

An explanation about the rapsheet.

Example:

<nc:CaveatText>This record is provided in response to your request. Use of the information contained in this record is governed by state and federal law.</nc:CaveatText>
**Record Caveat Reference Date (<rap:CaveatReferenceDate>):**
The <rap:CaveatReferenceDate> element shows the date on which the caveat message was generated. The format for the date is CCYY[-MM[-DD]].
Example:
<rap:CaveatReferenceDate> 2002-02-08 </rap:CaveatReferenceDate>

**Record Caveat Issuing Authority (<rap:CaveatIssuingAuthorityText>):**
The <rap:CaveatIssuingAuthorityText> element should be set to the NCIC state two-letter code from which the caveat statement was issued; a value of "Unknown" is also allowable.
Example:
<rap:CaveatIssuingAuthorityText> CA </rap:CaveatIssuingAuthorityText>

**Rap Sheet Request Reference (<rap:RapSheetRequest>):** Information contained in each sub-element is derived from the request transaction to which the response corresponds. See note below for <nc:SourceIDText> usage.

*Note: For responses to Interstate Identification Index (III) inquiries, the information required for the <rap:RapSheetRequest> sub-elements is available in the $A.CHR message sent to a state by the FBI. In addition to the sub-elements, it is necessary to store a unique value in the <nc:SourceIDText> element of the <rap:RapSheetRequest> element that will allow responses from multiple states to be uniquely identified with a single inquiry. States generating a rap sheet in response to a $A.CHR message must copy the value of the /NCF field into <nc:SourceIDText>.*

**Purpose Code (<rap:PurposeCode>):**
The element contains a code identifying the purpose for which the rap sheet will be used. Valid values are:

- A – Administrative file maintenance
- C – Criminal justice
- D – Domestic violence and stalking, civil and criminal court cases
- F – Firearms-related background checks
- H – Public housing background checks
- I – Interstate approved non-criminal justice licensing and employment background checks
- J – Criminal justice employment background checks
- S – National security background checks
V – Visa applications initiated by US Department of State
X – Caregiver background checks, exigent circumstances

Attention Reference (<rap:Attention>):
This element contains identification of the person or entity to whose attention the rap sheet response will be directed.
Example:
<rap:Metadata s:id="metarequest">
  <nc:SourceIDText>123456</nc:SourceIDText>
</rap:Metadata>

<rap:RapSheetRequest s:metadata="metarequest">
  <rap:PurposeCode>C</rap:PurposeCode>
  <rap:Attention>AL 911137</rap:Attention>
  <nc:DriverLicenseIdentification>
    <nc:IdentificationID>123456</nc:IdentificationID>
    <j:IdentificationJurisdictionNCICLSTACode>PA</j:IdentificationJurisdictionNCICLSTACode>
  </nc:DriverLicenseIdentification>
</rap:RapSheetRequest>

RapSheetPerson (<rap:RapSheetPerson>):
The Subject is the person whose criminal history rap sheet is being requested. The Rap Sheet request may contain one or more of the following optional elements if used as an inquiry parameter. See definition under <rap:RapSheetPerson> for coding detail. The actual value of any numeric identifier is reported in a <nc:IdentificationID> subelement. Some of these elements (FBI Number, State Identification Number, and Drivers License) are contained inside a <j:PersonAugmentation> element, which is contained inside the <rap:RapSheetPerson> element.

Note: For responses to Interstate Identification Index (III) inquiries, the information required for the <j:PersonFBIIdentification> and <j:PersonStateFingerprintIdentification> sub-elements is available in the $A.CHR message sent to a state by the FBI.

FBI Number (<j:PersonFBIIdentification>):
NIEM: A number issued by the FBI's Automated Fingerprint Identification System (AFIS) based on submitted fingerprints.
The FBI number is mandatory in the absence of a State Bureau Identification (SID) Number. The actual value of the numeric identifier is reported in a <nc:IdentificationID> subelement. If neither the FBI nor the SID number is available, both elements should be transmitted with a value of “unknown.”

State Identification Number (<j:PersonStateFingerprintIdentification>):
NIEM: A number issued by a state based on submitted fingerprints.
The SID number is mandatory in the absence of a FBI Number (see above note). The actual value of the numeric identifier is reported in a <nc:IdentificationID>
subelement. If neither the FBI nor the State Identification numbers are available, both elements should be transmitted with a value of “unknown.”

**Social Security Number (<nc:PersonSSNIdentification>):**
NIEM: A unique reference to a living person; assigned by the United States Social Security Administration.
This is an optional element included for implementations of the rapsheet where Social Security Number is used as an inquiry parameter. See definition under <rap:RapSheetPerson> for coding detail. The actual value of any numeric identifier is reported in a <nc:IdentificationID> subelement.

**Driver’s License Number (<nc:DriverLicense>):**
NIEM: Details about a license issued to a person granting driving privileges.
This is an optional element included for implementations of the rapsheet where Driver’s License Number is used as an inquiry parameter. See definition under <rap:RapSheetPerson> for coding detail. The actual value of any numeric identifier is reported in a <nc:IdentificationID> subelement.

**Miscellaneous ID Number (<nc:PersonOtherIdentification>):**
NIEM: Information about an identifier with a type that is not explicitly defined in the standard that refers to a person within a certain domain.
This is an optional element included for implementations of the rapsheet where a miscellaneous number (e.g., a passport or selective service number) is used as an inquiry parameter. See definition under <rap:RapSheetPerson> for coding detail. The actual value of any numeric identifier is reported in a <nc:IdentificationID> subelement.

**Person Name (<nc:PersonName /nc:PersonFullName>):**
NIEM: A complete name of a person.
This is an optional element containing the name of the subject is used in the request for the criminal history record.

**Sex (<rap:PersonSexText>):**
NIEM: A gender or sex of a person.
This is an optional element included for implementations of the rapsheet where Sex is used as an inquiry parameter. See definition under <rap:RapSheetPerson> for coding detail.

**Race (<rap:PersonRaceText>):**
NIEM: A classification of a person based on factors such as geographical locations and genetics.
This is an optional element included for implementations of the rapsheet where Race is used as an inquiry parameter. See definition under <rap:RapSheetPerson> for coding detail.

**Date of Birth (<nc:PersonBirthDate/nc:Date>):**
NIEM: A date a person was born.
This is an optional element included for implementations of the rapsheet where Date of Birth is used as an inquiry parameter. See definition under <rap:RapSheetPerson> for coding detail.

Control Data (<rap:ControlData>):
This optional element contains implementation-specific information. The <nc:IdentificationCategoryText> element should be used to identify a particular usage of control data, and distinguish between multiple types of control data that might be transmitted. The <nc:IdentificationJurisdictionText> element may also be used. The actual value of the number is reported in a <nc:IdentificationID> subelement.

Note: For responses to Interstate Identification Index (III) inquiries, it is expected that "control data" will be contained in elements outside the rapsheet -- in an envelope, or wrapper -- and that this occurrence of the element will not be used. Control data for III consists of any alphanumeric information supplied by the requester and expected to be echoed back by the responder. The <rap:ControlData> element has been included in <rap:Introduction> for implementations other than III where it is necessary to embed this kind of information in the rapsheet document itself.

Examples:

<rap:ControlData>
  <nc:IdentificationID>
    273850293858
  </nc:IdentificationID>
  <nc:IdentificationCategoryText>
    Request Index Number
  </nc:IdentificationCategoryText>
</rap:ControlData>

<rap:ControlData>
  <nc:IdentificationID>
    Crime Information Bureau, PO Box 2718, Madison, WI 53701-2718
  </nc:IdentificationID>
  <nc:IdentificationCategoryText>
    Mail Rapsheet To
  </nc:IdentificationCategoryText>
</rap:ControlData>
3.2 Person Identification (<rap:RapSheetPerson>)

The Subject is the person whose criminal history rap sheet is being reported. The Person Identification element contains information about the subject’s identity.

Subject’s Primary Name (<nc:PersonName>):

NIEM: A combination of names and/or titles by which a person is known.

This required element must include one name for the record subject. This name may be considered to be the “Primary” name, although that distinction is known sometimes to be arbitrary, or merely a matter of circumstance or convenience. See <nc:PersonAlternateName> below for reporting additional names.

Prefix (<nc:PersonNamePrefixText>):

NIEM: A title or honorific used by a person.

This optional element contains an abbreviation or title appearing before the record subject’s name. Examples include Dr, Rev, Hon, or Mrs. These should appear without punctuation.

First (<nc:PersonGivenName>):

NIEM: A first name of a person.

This optional element contains the record subject’s first or given name.

Middle (<nc:PersonMiddleName>):

NIEM: A middle name of a person.

This optional element contains the record subject’s middle name.

Last (<nc:PersonSurName>):

NIEM: A last name or family name of a person.

This element contains the record subject’s last, surname, or family name. The last name must be supplied but the remaining elements are all optional.

Suffix (<nc:PersonNameSuffixText>):

NIEM: A term appended after the family name that qualifies the name.

This optional element contains additional components of the record subject’s name and generational suffixes, for example, Jr, Sr, III, etc., corresponding to the record subject. These should appear without punctuation.

Example:
<nc:PersonName>
  <nc:PersonNamePrefixText>Mr.</nc:PersonNamePrefixText>
  <nc:PersonGivenName>Thomas</nc:PersonGivenName>
  <nc:PersonMiddleName>Charles</nc:PersonMiddleName>
  <nc:PersonSurName>Smith</nc:PersonSurName>
  <nc:PersonNameSuffixText>Jr</nc:PersonNameSuffixText>
</nc:PersonName>
Subject’s Alias Name(s) (<nc:PersonAlternateName>):

NIEM: An alternate name used by a person.

This optional element may be repeated as many times as necessary to report all additional names for the record subject, including “also known as” (AKA) alias names. The detail elements below have the same definition and usage as for <nc:PersonName>. Consult the XML schemas (Section 4.3) for appropriate sequencing.

Prefix (<nc:PersonNamePrefixText>):
First (<nc:PersonGivenName>):
Middle (<nc:PersonMiddleName>):
Last (<nc:PersonSurName>):
Suffix (<nc:PersonNameSuffixText>):

Example:
<nc:PersonAlternateName>
  <nc:PersonGivenName>Bill</nc:PersonGivenName>
  <nc:PersonSurName>Williams</nc:PersonSurName>
</nc:PersonAlternateName>

Residence (<nc:Location> and <nc:ResidenceAssociation>):

NIEM: Details about a physical location.
NIEM: An association between a person and a location where that person lives.

As much information as available should be entered concerning the subject’s residence location. All subelements below pertain to the physical location where the subject resided at the time the information was provided. The <nc:Location> element may contain an s:metadata attribute, pointing to a <rap:Metadata> element containing a nc:ReportedDate/nc:Date element structure. The format for the date is CCYY[-MM][-DD]].

The <nc:Location> element is associated with the subject’s <rap:RapSheetPerson> element via the <nc:ResidenceAssociation> elements, which contains pointers to s:id attributes in the two target elements.

<nc:ResidenceAssociation>
  <nc:PersonReference s:ref="person01"/>
  <nc:LocationReference s:ref="location01"/>
</nc:ResidenceAssociation>

Physical Location (<nc:LocationAddress>):

NIEM: A geophysical location described by postal information.

Address Text (<nc:AddressFullText>):

NIEM: A complete address.
This element may be used when the address components cannot be broken down into the NIEM components. This element simply contains an unformatted text string containing the location’s address.

**Structured Address (<nc:StructuredAddress>)**

**NIEM:** An address.

When address components can be broken into separate components, they are contained within this container.

- **Street information (<nc:LocationStreet>):**
  **NIEM:** A road, thoroughfare or highway.
  Only one location street element is allowed.

- **Street information (<nc:StreetFullText>):**
  **NIEM:** A complete reference for a street.
  This element would contain an entire address line, like 1565 N. Park Place. This element may be repeated if necessary, up to three times, to allow for multiple address lines.

- **Apartment or Suite information (<nc:AddressSecondaryUnitText>):**
  **NIEM:** A particular unit within a larger unit or grouping at a location.
  This element holds an optional apartment or a suite number for this location.

- **Post Office Box information (<nc:AddressDeliveryPointText>):**
  **NIEM:** A single place or unit at which mail is delivered.
  This element holds an optional post office box number for this location.

- **City (<nc:LocationCityName>):**
  **NIEM:** A name of a city or town.
  This element contains the city for this location.

- **County (<nc:LocationCountyName>):**
  **NIEM:** A county, parish, vicinage, or other such geopolitical subdivision of a state.
  This element contains the county for this location.

- **State (<nc:LocationStateName>):**
  **NIEM:** A state, commonwealth, province, or other such geopolitical subdivision of a country.
  This element contains the name of the state.

- **Zip code (<nc:LocationPostalCode>):**
NIEM: An identifier of a post office-assigned zone for an address

This element contains the 5 or 9 digit zipcode or foreign postal code for this location.

Country (<nc:LocationCountryName>):

NIEM: A country, territory, dependency, or other such geopolitical subdivision of a location.

This element contains the country for this location.

Residence Phone (<nc:LocationContactInformation>):

NIEM: Contact information for a location.

This element contains the telephone number of the subject at this residence.

Residence Phone (<nc:ContactTelephoneNumber>):

NIEM: telephone number for a telecommunication device by which a person or organization may be contacted.

Phone Number (<nc:FullTelephoneNumber>):

NIEM: A full telephone identifier.

This element contains the full phone number. The actual phone number string goes inside an <nc:TelephoneNumberFullID> element.

Examples:

<nc:Location s:id="location01"/>
Employment (<nc:PersonEmploymentAssociation>):

NIEM: An employment of a person.
This element reports information about the subject’s employment. It contains a reference, <nc:EmployeeReference>, which contains an s:ref attribute to point to the <rap:RapSheetPerson> element.

Multiple occurrences may appear. The <nc:PersonEmploymentAssociation> element may contain an s:metadata attribute, pointing to a <rap:Metadata> element containing a nc:ReportedDate/nc:Date element structure. The format for the date is CCYY[-MM[-DD]]. Either the <nc:EmploymentOccupationText> or <nc:EntityOrganization/nc:OrganizationName> or both subelements must appear.

**Employer (<nc:Employer>):**

**NIEM:** A business or person which employs a person.

This could be an organization name, a person’s name, unemployed, or self employed. This element contains the record subject’s employer name (if self-employed, it would be the person’s name).

**Employer Name (<nc:EntityOrganization/nc:OrganizationName> or <nc:EntityPerson/nc:PersonName/nc:PersonFullName>):**

**NIEM:** A name of an organization.

This could be an organization name, a person’s name, unemployed, or self employed. This element contains the record subject’s employer name (if self-employed, it would be the person’s name).

**Occupation (<nc:EmployeeOccupationText>):**

**NIEM:** A job of an employee.

This optional element contains the record subject’s occupation. Occupation may be reported as “Student” if the record subject is a full-time student.

**Employment Address (<nc:Location>):**

**NIEM:** Details about a physical location.

As much information as available should be entered concerning the employer’s location and means of contact. This location is represented by a standard nc:Location object, pointed to by the s:ref attribute within a nc:EmploymentLocationReference. All subelements below pertain to the physical location where the subject was employed.

**Physical Location (<nc:LocationAddress>):**

**NIEM:** A geophysical location described by postal information.

**Address Text (<nc:AddressFullText>):**

**NIEM:** A complete address.
This element may be used when the address components cannot be broken down into the NIEM components. This element simply contains an unformatted text string containing the location’s address.

**Structured Address (<nc:StructuredAddress>):**

**NIEM:** An address.

This element is used when the address components can be broken down into the NIEM components.

- **Street information (<nc:LocationStreet>):**
  **NIEM:** A road, thoroughfare or highway.
  Only one location street element is allowed.

- **Street information (<nc:StreetFullText>):**
  **NIEM:** A complete reference for a street.
  This element would contain an entire address line, like 1565 N. Park Place. This element may be repeated if necessary, up to three times, to allow for multiple address lines.

- **Apartment or Suite information (<nc:AddressSecondaryUnitText>):**
  **NIEM:** A particular unit within a larger unit or grouping at a location.
  This element holds an optional apartment or a suite number for this location.

- **Post Office Box information (<nc:AddressDeliveryPointText>):**
  **NIEM:** A single place or unit at which mail is delivered.
  This element holds an optional post office box number for this location.

- **City (<nc:LocationCityName>):**
  **NIEM:** A name of a city or town.
  This element contains the city for this location.

- **County (<nc:LocationCountyName>):**
  **NIEM:** A county, parish, vicinage, or other such geopolitical subdivision of a state.
  This element contains the county for this location.

- **State (<nc:LocationStateName>):**
  **NIEM:** A state, commonwealth, province, or other such geopolitical subdivision of a country.
  This element contains the name of the state.
Zip code (<nc:LocationPostalCode>):

NIEM: An identifier of a post office-assigned zone for an address.

This element contains the 5 or 9 digit zipcode or foreign postal code for this location.

Country (<nc:LocationCountryName>):

NIEM: A country, territory, dependency, or other such geopolitical subdivision of a location.

This element contains the country for this location.

Employer’s Phone (<nc:LocationContactInformation>):

NIEM: Contact information for a location.

This element contains the telephone number of the subject’s employer.

Employer’s Phone (<nc:ContactTelephoneNumber>):

NIEM: A telephone number for a telecommunication device by which a person or organization may be contacted.

Phone Number
(<nc:FullTelephoneNumber/nc:TelephoneNumberFullID>):

NIEM: A full telephone identifier.

This element contains the full phone number.

Example:

<nc:PersonEmploymentAssociation>
    <nc:EmployeeReference s:ref="person01"/>
    <nc:Employer>
        <nc:EntityOrganization>
            <nc:OrganizationName>AcmeCompany</nc:OrganizationName>
        </nc:EntityOrganization>
    </nc:Employer>
    <nc:EmployeeOccupationText> Salesperson </nc:EmployeeOccupationText>
    <nc:EmploymentLocationReference s:ref="location02"/>
</nc:PersonEmploymentAssociation>

<nc:Location s:id="location02">
    <nc:LocationAddress>
        <nc:StructuredAddress>
            <nc:AddressDeliveryPointText> PO Box 5678</nc:AddressDeliveryPointText>
            <nc:LocationStreet>
                <nc:StreetFullText>456 Main Street</nc:StreetFullText>
            </nc:LocationStreet>
            <nc:AddressSecondaryUnitText> Suite 456</nc:AddressSecondaryUnitText>
        </nc:StructuredAddress>
        <nc:LocationCityName>Gotham City</nc:LocationCityName>
        <nc:LocationCountyName>Madison County</nc:LocationCountyName>
        <nc:LocationStateUSPostalServiceCode>VA</nc:LocationStateUSPostalServiceCode>
    </nc:LocationAddress>
</nc:Location>
Metadata

For many of the following elements, metadata, such as Reported Dates and Reporting Organizations are held in separate <rap:Metadata> objects. The elements themselves point to the appropriate <rap:Metadata> objects via the s:metadata attribute. Elements obtained from the same source should share <rap:Metadata> objects.

Date of Birth (<nc:PersonBirthDate/nc:Date>):

NIEM: A date a person was born.

Each PersonBirthDate element contains a date of birth associated with the record subject. Report all known dates of birth. The format for the date is CCYY-MM-DD]. (EFTS 2.022)

Example:
<nc:PersonBirthDate>
  <nc:Date>1965-01-11</nc:Date>
</nc:PersonBirthDate>

Place of Birth (<nc:PersonBirthLocation/nc:LocationName>):

NIEM: A location where a person was born.

The place of birth. (EFTS 2.020)

Birth State or Country (<nc:LocationName>):

NIEM: A name of a location.

The place of birth must be represented in the <nc:LocationName> element by the name of a state in or territorial possession of the U.S., the name of a state in Mexico, the name of a Canadian province, or the name of the foreign country where the person was born.
Examples:
<nc:PersonBirthLocation>
  <nc:LocationName>Virginia</nc:LocationName>
</nc:PersonBirthLocation>

Date of Death (<nc:PersonDeathDate/nc:Date>):
NIEM: A date a person died or was declared legally dead.

The <j:PersonDeathDate> element may contain the date of a subject’s death. The format for the date is CCYY[-MM[-DD]]. This element should be omitted if the subject person has not been reported to be deceased.

Example:
<nc:PersonDeathDate>
  <nc:Date>2007-11-01</nc:Date>
</nc:PersonDeathDate>

The <nc:PersonDeathDate> element may contain an s:metadata attribute, pointing to a <rap:Metadata> element containing a nc:ReportedDate/nc:Date element structure. The format for the date is CCYY[-MM[-DD]]. The nc:ReportingOrganizationText element may be included to indicate an organization (name or id) that provided the information.

Example:
<rap:Metadata s:id="meta01">
  <nc:ReportedDate>
    <nc:Date>2007-12-09</nc:Date>
  </nc:ReportedDate>
  <nc:ReportingOrganizationText> ME0010000</nc:ReportingOrganizationText>
</rap:Metadata>

<nc:PersonDeathDate s:metadata="meta01">2007-11-01</nc:PersonDeathDate>

Reported Deceased (<nc:PersonLivingIndicator>):

NIEM: True if a person is alive, false if a person is dead.

This element should be included in the rapsheet with a value of ‘false’ if the subject person has been reported to be deceased. This element should be omitted if the subject person has not been reported to be deceased.

The <rap:Metadata/nc:CommentText> must contain information about the nature of the report. It contains an s:id which must be pointed to by the s:metadata attribute in the data element. If the report was accompanied by fingerprints positively identifying the subject as deceased, use type "Fingerprint Supported". For other kinds of reports, use type "Not Fingerprint Supported". Use "Unknown" if no information is available on the type of report.
Deceased Report Type

<table>
<thead>
<tr>
<th>Fingerprint Supported</th>
<th>Not Fingerprint Supported</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unknown</td>
<td></td>
</tr>
</tbody>
</table>

The `<nc:PersonLivingIndicator>` element may contain an `s:metadata` attribute, pointing to a `<rap:Metadata>` element containing a `nc:ReportedDate/nc:Date` element structure. The format for the date is `CCYY[-MM[-DD]]`. The `nc:ReportingOrganizationText` element may be included to indicate an organization (name or id) that provided the information.

Example:

```xml
<rap:Metadata s:id="meta03">
  <nc:CommentText>Fingerprint Supported</nc:CommentText>
  <nc:ReportedDate>
    <nc:Date>2007-12-09</nc:Date>
  </nc:ReportedDate>
  <nc:ReportingOrganizationText>
    WI041015Y
  </nc:ReportingOrganizationText>
</rap:Metadata>

<nc:PersonLivingIndicator s:metadata="meta03"> false</nc:PersonLivingIndicator>
```

Social Security Number (`<nc:PersonSSNIdentification>`):

NIEM: A unique reference to a living person; assigned by the United States Social Security Administration.

A social security number of a person. Sometimes referred to as a SSN. This element contains the subject’s social security number. This number will be entered as nine consecutive numeric characters with no embedded punctuation or special characters. (EFTS 2.016)

Example:

```xml
<nc:PersonSSNIdentification>
  <nc:IdentificationID>123456789</nc:IdentificationID>
</nc:PersonSSNIdentification>
```

The following elements are contained inside the `<j:PersonAugmentation>` object.

**Sex Offender Registration Status**

`(<j:PersonRegisteredOffenderIndicator>)`:

NIEM: True if a person is required to register as an offender; false otherwise.

Report “true” if a person is listed on a state’s sex offender registry, otherwise this element should be omitted. The `nc:ReportingOrganizationText` element may be included in a `rap:Metadata` object to indicate the state of registration.
Example:
<rap:Metadata s:id="meta03">
  <nc:ReportingOrganizationText>
    Arkansas
  </nc:ReportingOrganizationText>
</rap:Metadata>

<j:PersonRegisteredOffenderIndicator s:metadata="meta03">
  true
</j:PersonRegisteredOffenderIndicator>

**IFFS Disqualified (<j:PersonFirearmSalesDisqualifiedCode>):**

**NIEM:** A status of person's eligibility to purchase firearms.

This element reports the III flag for Firearm Sales.

Prior to May 13, 2001, this was the Felon Identification in Firearms Sales (FIFS) flag. Flag values were: F – used to indicate a subject’s record contains at least one felony conviction; M – used to show a subject’s record contains only misdemeanor convictions and no court action is pending; and X – used to show the status of the record is unknown or that court action is pending.

On May 13, 2001, this information became known as the Identification for Firearm Sales Disqualifier. Acceptable values are: D – Disqualified, C – Cleared, and X – used to show the status of the record is unknown or that court action is pending.

The *nc:ReportingOrganizationText* element may be included in a *rap:Metadata* object to indicate the organization (name or id) that provided the information.

Example:
<rap:Metadata s:id="meta04">
  <nc:ReportingOrganizationText>
    Minnesota
  </nc:ReportingOrganizationText>
</rap:Metadata>

<j:PersonFirearmSalesDisqualifiedCode s:metadata="meta04">
  D
</j:PersonFirearmSalesDisqualifiedCode>

**Driver's License Number (<nc:DriverLicense>):**

**NIEM:** Details about a license issued to a person granting driving privileges.

Sometimes referred to as driver license number, dLNumber. The element contains a subject’s driver’s license number for a given state. The NCIC state two-letter code must be specified in the *<j:IdentificationJurisdictionNCICLSTACode>* subelement; "Unknown" is also an allowable value.
Example:
<nc:DriverLicense>
  <nc:DriverLicenseIdentification>
    <nc:IdentificationID>C4556289248R</nc:IdentificationID>
    <j:IdentificationJurisdictionNCICLSTACode>
      WI
    </j:IdentificationJurisdictionNCICLSTACode>
  </nc:DriverLicenseIdentification>
</nc:DriverLicense>

**FBI Number (<j:PersonFBIIdentification>):**

**NIEM:** A number issued by the FBI’s Automated Fingerprint Identification System (AFIS) based on submitted fingerprints.

The element contains the subject’s FBI Number. (EFTS 2.014) The FBI Number element is mandatory in the absence of a State Bureau Identification Number element. If neither FBI nor State Bureau Identification numbers are available, the <j:PersonFBIIdentification> element and the <j:PersonStateFingerprintIdentification> should be transmitted each with a value of <nc:IdentificationID>Unknown</nc:IdentificationID>.

Example:
<j:PersonFBIIdentification>
  <nc:IdentificationID>62660CA12</nc:IdentificationID>
</j:PersonFBIIdentification>

**State Identification Number (<j:PersonStateFingerprintIdentification>):**

**NIEM:** A number issued by a state based on submitted fingerprints.

Sometimes referred to as a State ID number or a SID. The SID Number field is mandatory without an FBI Number field (<j:PersonFBIIdentification>). The element contains the subject’s SID Number assigned by the responding state(s). Although a SID number often contains a state code, the state code must also be specified in the <j:IdentificationJurisdictionNCICLSTACode> subelement. (EFTS 2.015)

Example:
<j:PersonStateFingerprintIdentification>
  <nc:IdentificationID>CA9936278</nc:IdentificationID>
  <j:IdentificationJurisdictionNCICLSTACode>
    CA
  </j:IdentificationJurisdictionNCICLSTACode>
</j:PersonStateFingerprintIdentification>

**Correctional Number (<nc:PersonOtherIdentification>):**

**NIEM:** Information about an identifier with a type that is not explicitly defined in the standard that refers to a person within a certain domain.
This optional element contains a correctional subject’s identification number for a given state. The NCIC state two-letter code must be specified in the <j:IdentificationJurisdictionNCICLSTACode> element.

Example:

```
<nc:PersonOtherIdentification>
  <nc:IdentificationID>123456</nc:IdentificationID>
  <rap:IdentificationCategoryText>
    Correctional ID
  </rap:IdentificationCategoryText>
  <j:IdentificationJurisdictionNCICLSTACode>
    IL
  </j:IdentificationJurisdictionNCICLSTACode>
</nc:PersonOtherIdentification>
```

**Miscellaneous ID Number (<nc:PersonOtherIdentification>):**

**NIEM:** Information about an identifier with a type that is not explicitly defined in the standard that refers to a person within a certain domain.

The element contains other identifying numbers issued to the subject (EFTS 2.909). The NCIC state or country two-letter code, or other locality descriptor must be specified in the <j:IdentificationJurisdictionNCICLSTACode> subelement. The subelement <rap:IdentificationCategoryText> name is also required; valid values are the following:

<table>
<thead>
<tr>
<th>PersonalIDNumber Types</th>
</tr>
</thead>
<tbody>
<tr>
<td>Air Force Serial</td>
</tr>
<tr>
<td>Air National Guard Serial</td>
</tr>
<tr>
<td>Alien Registration</td>
</tr>
<tr>
<td>Army Serial</td>
</tr>
<tr>
<td>Bureau Fugitive Index</td>
</tr>
<tr>
<td>Canadian Social Insurance</td>
</tr>
<tr>
<td>Correctional ID</td>
</tr>
<tr>
<td>Identification Order</td>
</tr>
<tr>
<td>Marine Corps Serial</td>
</tr>
<tr>
<td>Mariner's Document ID</td>
</tr>
<tr>
<td>National Agency Case</td>
</tr>
<tr>
<td>National Guard Serial</td>
</tr>
<tr>
<td>Personal Identification</td>
</tr>
<tr>
<td>Passport</td>
</tr>
<tr>
<td>Port Security Card</td>
</tr>
<tr>
<td>Royal Canadian Mounted Police ID</td>
</tr>
<tr>
<td>Selective Service</td>
</tr>
<tr>
<td>State ID Card</td>
</tr>
<tr>
<td>US Coast Guard Serial</td>
</tr>
<tr>
<td>Veterans Administration Claim</td>
</tr>
<tr>
<td>Unknown</td>
</tr>
</tbody>
</table>
Both the NCIC codes and EFTS codes use the code "AS" for Army, Air National Guard, and National Guard Serial numbers. If unable to distinguish a specific usage from existing data, map the code "AS" to "Army Serial."

Example:
<nc:PersonOtherIdentification>
  <nc:IdentificationID>C4556289248R</nc:IdentificationID>
  <rap:IdentificationCategoryText>
    State ID Card
  </rap:IdentificationCategoryText>
  <j:IdentificationJurisdictionNCICLSTACode>
    WI
  </j:IdentificationJurisdictionNCICLSTACode>
</nc:PersonOtherIdentification>

**Height (<nc:PersonHeightMeasure>):**

**NIEM:** A measurement of the height of a person.

This element contains the record subject’s height. (EFTS 2.913)

The field is an NCIC formatted three-digit person height field. The first digit represents the height of the person in feet, the second two digits represent the remainder of the height in inches, e.g. six feet two inches is represented as "602".

When reported in feet and inches, the first (leftmost) digit is used to show feet while the two rightmost characters are used to show the inches between 00 and 11.

The <nc:PersonHeightMeasure> element may contain an s:metadata attribute, pointing to a <rap:Metadata> element containing a nc:ReportedDate/nc:Date element structure. The format for the date is CCYY[-MM[-DD]].

Example:
<rap:Metadata s:id="meta04">
  <nc:ReportingOrganizationText>
    Albuquerque Police Department
  </nc:ReportingOrganizationText>
</rap:Metadata>

<nc:PersonHeightMeasure s:metadata="meta04">
  <nc:MeasureText>601</nc:MeasureText>
</nc:PersonHeightMeasure>

**Weight (<nc:PersonWeightMeasure>):**

**NIEM:** A measurement of the weight of a person.

This element contains the record subject’s weight in pounds as a three-character numeric. If weight is unknown, enter 000. (EFTS 2.914)
The field is an NCIC formatted three-digit person weight field, where the three digits represents the weight of the person in pounds.

The `<nc:PersonWeightMeasure>` element may contain an `s:metadata` attribute, pointing to a `<rap:Metadata>` element containing a `nc:ReportedDate/nc:Date` element structure. The format for the date is CCYY[-MM[-DD]].

Example:

```
<rap:Metadata s:id="meta06">
  <nc:ReportingOrganizationText>
    Los Angeles Police Department
  </nc:ReportingOrganizationText>
</rap:Metadata>

<nc:PersonWeightMeasure s:metadata="meta06">
  <nc:MeasureText>200</nc:MeasureText>
</nc:PersonWeightMeasure>
```

**Eye Color `<rap:PersonEyeColorText>`:**

This element contains the subject's eye color. Use an eye color value from the following table. (EFTS 2.915)

<table>
<thead>
<tr>
<th>Eye Color</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Black</td>
<td>Hazel</td>
</tr>
<tr>
<td>Blue</td>
<td>Maroon</td>
</tr>
<tr>
<td>Brown</td>
<td>Multicolored</td>
</tr>
<tr>
<td>Gray</td>
<td>Pink</td>
</tr>
<tr>
<td>Green</td>
<td>Unknown</td>
</tr>
</tbody>
</table>

The `<rap:PersonEyeColorText>` element may contain an `s:metadata` attribute, pointing to a `<rap:Metadata>` element containing a `nc:ReportedDate/nc:Date` element structure. The format for the date is CCYY[-MM[-DD]].

Example:

```
<rap:Metadata s:id="meta05">
  <nc:ReportingOrganizationText>
    Oregon
  </nc:ReportingOrganizationText>
</rap:Metadata>

<rap:PersonEyeColorText s:metadata="meta05">
  Blue
</rap:PersonEyeColorText>
```
**Hair Color (**rap:PersonHairColorText**):**

This element contains the subject’s hair color. (EFTS 2.916) Use a hair color from the following table.

<table>
<thead>
<tr>
<th>Hair Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bald</td>
</tr>
<tr>
<td>Black</td>
</tr>
<tr>
<td>Blonde or Strawberry</td>
</tr>
<tr>
<td>Blue</td>
</tr>
<tr>
<td>Brown</td>
</tr>
<tr>
<td>Gray or Partially Gray</td>
</tr>
<tr>
<td>Green</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Hair Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>Orange</td>
</tr>
<tr>
<td>Pink</td>
</tr>
<tr>
<td>Purple</td>
</tr>
<tr>
<td>Red or Auburn</td>
</tr>
<tr>
<td>Sandy</td>
</tr>
<tr>
<td>White</td>
</tr>
<tr>
<td>Blue</td>
</tr>
<tr>
<td>Green</td>
</tr>
<tr>
<td>Orange</td>
</tr>
<tr>
<td>Pink</td>
</tr>
</tbody>
</table>

The <rap:PersonHairColorText> element may contain an s:metadata attribute, pointing to a <rap:Metadata> element containing a nc:ReportedDate/nc:Date element structure. The format for the date is CCYY[-MM[-DD]].

The ANSI-NIST-FBI Electronic Fingerprint Transmission Specification and the NCIC Code Table have fourteen codes for the HAI field code. Systems using the ANSI-NIST or NCIC values should translate according to the following table:

<table>
<thead>
<tr>
<th>Translation of Hair Color Codes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reported Hair Color</td>
</tr>
<tr>
<td>Bald</td>
</tr>
<tr>
<td>Black</td>
</tr>
<tr>
<td>Blonde or Strawberry</td>
</tr>
<tr>
<td>Brown</td>
</tr>
<tr>
<td>Gray or Partially Gray</td>
</tr>
<tr>
<td>Red or Auburn</td>
</tr>
<tr>
<td>Sandy</td>
</tr>
<tr>
<td>White</td>
</tr>
<tr>
<td>Blue</td>
</tr>
<tr>
<td>Green</td>
</tr>
<tr>
<td>Orange</td>
</tr>
<tr>
<td>Pink</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANSI-NIST Code</th>
<th>NCIC Code</th>
<th>Rapsheet Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>BAL</td>
<td>BLD</td>
<td>Bald</td>
</tr>
<tr>
<td>BLK</td>
<td>BLK</td>
<td>Black</td>
</tr>
<tr>
<td>BLN</td>
<td>BLN</td>
<td>Blonde Or Strawberry</td>
</tr>
<tr>
<td>BRO</td>
<td>BRO</td>
<td>Brown</td>
</tr>
<tr>
<td>GRY</td>
<td>GRY</td>
<td>Gray Or Partially Gray</td>
</tr>
<tr>
<td>RED</td>
<td>RED</td>
<td>Red Or Auburn</td>
</tr>
<tr>
<td>SDY</td>
<td>SDY</td>
<td>Sandy</td>
</tr>
<tr>
<td>WHI</td>
<td>WHI</td>
<td>White</td>
</tr>
<tr>
<td>BLU</td>
<td>BLU</td>
<td>Blue</td>
</tr>
<tr>
<td>GRN</td>
<td>GRN</td>
<td>Green</td>
</tr>
<tr>
<td>ONG</td>
<td>ONG</td>
<td>Orange</td>
</tr>
<tr>
<td>PNK</td>
<td>PNK</td>
<td>Pink</td>
</tr>
</tbody>
</table>
 Translation of Hair Color Codes

<table>
<thead>
<tr>
<th>Reported Hair Color</th>
<th>ANSI-NIST Code</th>
<th>NCIC Code</th>
<th>Rapsheet Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Purple</td>
<td>PLE</td>
<td>PLE</td>
<td>Purple</td>
</tr>
<tr>
<td>Unknown</td>
<td>XXX</td>
<td>XXX</td>
<td>Unknown</td>
</tr>
</tbody>
</table>

Example:

```xml
<rap:Metadata s:id="meta03">
  <nc:ReportingOrganizationText>
    Minnesota
  </nc:ReportingOrganizationText>
</rap:Metadata>

<rap:PersonHairColorText s:metadata="meta03">
  Sandy
</rap:PersonHairColorText>

**Sex (<rap:PersonSexText>):**

This element contains the record subject’s sex. (EFTS 2.912) Valid values are: Male; Female; Other; Unknown.

The ANSI-NIST-FBI Electronic Fingerprint Transmission Specification has seven codes for element SEX. Systems using the ANSI-NIST values should translate according to the following table:

 Translation of Sex Codes

<table>
<thead>
<tr>
<th>Reported Sex</th>
<th>ANSI-NIST Code</th>
<th>Rapsheet Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Female</td>
<td>F</td>
<td>Female</td>
</tr>
<tr>
<td>Male Impersonator</td>
<td>G</td>
<td>Other</td>
</tr>
<tr>
<td>Male</td>
<td>M</td>
<td>Male</td>
</tr>
<tr>
<td>Female Impersonator or Transvestite</td>
<td>N</td>
<td>Other</td>
</tr>
<tr>
<td>Unreported sex; male name</td>
<td>Y</td>
<td>Unknown</td>
</tr>
<tr>
<td>Unreported sex; female name</td>
<td>Z</td>
<td>Unknown</td>
</tr>
<tr>
<td>Unknown</td>
<td>X</td>
<td>Unknown</td>
</tr>
</tbody>
</table>

Example:

```xml
<rap:PersonSexText>Male</rap:PersonSexText>
```
Race (<rap:PersonRaceText>):
This element reports the record subject’s race. Use the predominant race code from the following table. (Categories are the same as EFTS 2.025, code values are different.)

<table>
<thead>
<tr>
<th>If Subject is</th>
<th>Enter Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chinese, Japanese, Filipino, Korean, Polynesian, Indian, Indonesian, Asian</td>
<td>Asian</td>
</tr>
<tr>
<td>Indian, Samoan, or any other Pacific Islander</td>
<td></td>
</tr>
<tr>
<td>A person having origins in any of the racial groups of Africa</td>
<td>Black</td>
</tr>
<tr>
<td>American Indian, Eskimo, or Alaskan native, or a person having origins in any</td>
<td>Native American</td>
</tr>
<tr>
<td>of the 48 contiguous states of the United States or Alaska who maintains</td>
<td></td>
</tr>
<tr>
<td>cultural identification through tribal affiliation or community recognition</td>
<td></td>
</tr>
<tr>
<td>Of indeterminate race</td>
<td>Unknown</td>
</tr>
<tr>
<td>Caucasian, Mexican, Puerto Rican, Cuban, Central or South American, or other</td>
<td>White</td>
</tr>
<tr>
<td>Spanish culture or origin, regardless of race</td>
<td></td>
</tr>
</tbody>
</table>

Example:
<rap:PersonRaceText>White</rap:PersonRaceText>

Skin Tone (<rap:PersonSkinToneText>):
This element contains the subject’s skin tone (complexion). Use a skin tone from the following table. (An NCIC field, but not EFTS; it is likely that many criminal history systems do not contain this data element and it should simply be omitted.)

<table>
<thead>
<tr>
<th>Skin Tone</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Albino</td>
<td>Medium</td>
</tr>
<tr>
<td>Black</td>
<td>Medium Brown</td>
</tr>
<tr>
<td>Dark</td>
<td>Olive</td>
</tr>
<tr>
<td>Dark Brown</td>
<td>Ruddy</td>
</tr>
<tr>
<td>Fair</td>
<td>Sallow</td>
</tr>
<tr>
<td>Light</td>
<td>Yellow</td>
</tr>
<tr>
<td>Light Brown</td>
<td>Unknown</td>
</tr>
</tbody>
</table>
Example:

<rap:PersonSkinToneText>Fair</rap:PersonSkinToneText>

Scars, Marks, and Tattoos (<nc:PersonPhysicalFeature>):

NIEM: A prominent or easily identifiable aspect of a person.

This group element will provide a literal description of a scar, mark, or tattoo. It may provide an NCIC code. (EFTS 2.921) Images may be included or referenced.

The <nc:PersonPhysicalFeature> element may contain an s:metadata attribute, pointing to a <rap:Metadata> element containing a nc:ReportedDate/nc:Date element structure. The format for the date is CCYY[-MM[-DD]].

The nc:ReportingOrganizationText element may be included to report an agency having more specific information associated with the scar, mark or tattoo. Include either agency name, ORI, or both.

Scar, Mark, or Tattoo (<nc:PhysicalFeatureCategoryText>)

NIEM: A specific kind of physical feature.

SMT Code (<nc:PhysicalFeatureCategoryCode>)

NIEM: A specific kind of physical feature.

The type code is an element for reporting NCIC SMT codes. (EFTS 2.026)

Description (<nc:PhysicalFeatureDescriptionText>)

NIEM: A description of a physical feature.

The description text is literal description of the scar, mark, tattoo, or other physical feature, e.g., deafness or artificial body part.

Scar, Mark, or Tattoo Photo (<nc:PhysicalFeatureImage>)

NIEM: A digital image of a physical feature.

This optional element contains an image of a scar, mark, or tattoo; or, if only the <nc:BinaryCapturer/rap:EntityOrganization> is reported, then the agency must be contacted to obtain an image on file. This element may occur multiple times. Only one image is to be coded per <nc:PhysicalFeatureImage> element.

Image (<nc:BinaryBase64Object>)

NIEM: A binary encoding of data.
Optional. If the actual image is contained here, it must be encoded using the Base64 algorithm which transforms binary data into text characters.

**Image Format (<nc:BinaryFormatID>)**

**NIEM:** An identifier for a file format or content type of a binary object.

The `<nc:BinaryFormatID>` is an optional element containing the format in which the SMT image is stored. Values include “image/gif” “image/tiff” “image/jpeg” “application/postscript” “video/mpeg”. Use “image/wsq” for fingerprint images compressed using the ANSI/NIST/FBI recommended algorithm wavelet scalar quantization. The format is the binary format of the image prior to Base64 encoding, or the format of the image that is the target of a hyperlink (see below).

**Image Size (<nc:BinarySizeValue>)**

**NIEM:** A size of a binary object in kilobytes.

The `<nc:BinarySizeValue>` is an optional element containing the approximate size of the original image (before encoding).

**Image Type (<nc:BinaryCategoryText>)**

**NIEM:** A kind of object that has been encoded.

The `<nc:BinaryCategoryText>` element is required and must contain information about the type of photo specified in the image. It may contain the value “Scar” “Mark” “Tattoo” or other type appropriate to the image.

**Image Description or Comment (<nc:BinaryDescriptionText>)**

**NIEM:** A description of a binary object.

An optional element for reporting additional free-text information about the photo. This may be a note or comment about the photo.

**Image Hyperlink (<nc:BinaryLocationURI>)**

**NIEM:** A URL or file reference of a binary object.

An optional element for reporting a hyperlink to the photo. The hyperlink may be a URL or URI or description of a file location.

Example:

```xml
<nc:BinaryLocationURI>
  http://www.doj.state.wi.us/les/XML/files/plym0070.jpg
</nc:BinaryLocationURI>
```

**Date of image (<nc:BinaryCaptureDate>)**
NIEM: A date on which a binary object is captured or created.

This element may contain the date on which the scar, mark or tattoo image was obtained. The format for the date is CCYY[-MM[-DD]].

Image Agency (<nc:BinaryCapturer/rap:EntityOrganization>)

NIEM: An entity which captured or created a binary object.

This is the only required element for an image. Use OrganizationName of “Unknown” if no agency is known. If the agency is reported without image or hyperlink data, then the agency has an image on file and can be contacted to obtain one. Use subelements <nc:OrganizationName> and/or <j:OrganizationAugmentation/j:OrganizationORIIdentification/nc:IdentificationID>.

Example:
<nc:PersonPhysicalFeature>
  <nc:PhysicalFeatureCategoryCode>
    TAT UR ARM
  </nc:PhysicalFeatureCategoryCode>
  <nc:PhysicalFeatureDescriptionText>
    Dragon tattoo on right forearm.
  </nc:PhysicalFeatureDescriptionText>
  <nc:PhysicalFeatureImage>
    <nc:BinaryBase64Object>
      0123456789ABCDEF
      0123456789ABCDEF
      0123456789ABCDEF
      0123456789ABCDEF
      0123456789ABCDEF
    </nc:BinaryBase64Object>
    <nc:BinaryCaptureDate>
      <nc:Date>2001-01-01</nc:Date>
    </nc:BinaryCaptureDate>
    <nc:BinaryCapturer>
      <rap:EntityOrganization>
        <nc:OrganizationName>
          CIB
        </nc:OrganizationName>
        <j:OrganizationAugmentation>
          <j:OrganizationORIIdentification>
            <nc:IdentificationID>
              WI013415Y
            </nc:IdentificationID>
          </j:OrganizationORIIdentification>
        </j:OrganizationAugmentation>
      </rap:EntityOrganization>
    </nc:BinaryCapturer>
  </nc:PhysicalFeatureImage>
</nc:PersonPhysicalFeature>
Ethnicity (<rap:PersonEthnicityText>):

An optional element for additional description of the subject’s race, appearance, or heritage. It is the intent of this standard to comply with OMB Directive 15 (http://www.whitehouse.gov/omb/fedreg/ombdir15.html) minimum standards, but also to define a set of values that will be of descriptive value to the criminal justice community. Use an ethnicity value from the following table:

<table>
<thead>
<tr>
<th>Ethnicity</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>African</td>
<td>Mexican</td>
</tr>
<tr>
<td>Alaska Native</td>
<td>Middle Eastern</td>
</tr>
<tr>
<td>American Indian</td>
<td>Mixed</td>
</tr>
<tr>
<td>Asian Indian</td>
<td>Native Hawaiian</td>
</tr>
<tr>
<td>Black Or African American</td>
<td>Not Hispanic Or Latino</td>
</tr>
<tr>
<td>Cambodian</td>
<td>Pacific Islander</td>
</tr>
<tr>
<td>Central American</td>
<td>Pakastani</td>
</tr>
<tr>
<td>Chinese</td>
<td>Polynesian</td>
</tr>
<tr>
<td>European</td>
<td>Puerto Rican</td>
</tr>
<tr>
<td>Filipino</td>
<td>Samoan</td>
</tr>
<tr>
<td>Great Britain</td>
<td>Slavic</td>
</tr>
<tr>
<td>Haitian</td>
<td>South American</td>
</tr>
<tr>
<td>Hispanic Or Latino</td>
<td>Spanish Origin</td>
</tr>
<tr>
<td>Indonesian</td>
<td>Thai</td>
</tr>
<tr>
<td>Japanese</td>
<td>Unknown</td>
</tr>
<tr>
<td>Korean</td>
<td>Vietnamese</td>
</tr>
<tr>
<td>Malaysian</td>
<td>White American</td>
</tr>
</tbody>
</table>
Example:
<rap:PersonEthnicityText>
  Hispanic Or Latino
</rap:PersonEthnicityText>

**Country of Citizenship (<nc:PersonCitizenshipText>):**

**NIEM:** A county that assigns rights, duties, and privileges to a person because of the birth or naturalization of the person in that country.

This element reports the name of the country of which the subject is a citizen. (EFTS 2.911) This element may contain an s:metadata attribute, pointing to a <rap:Metadata> element containing a nc: ReportedDate/nc:Date element structure. The format for the date is CCYY[-MM[-DD]].

Example:
<nc:PersonCitizenshipText>
  United States
</nc:PersonCitizenshipText>

**Marital Status (<nc:PersonMaritalStatusText>):**

**NIEM:** A status of marriage for a person.

An optional element containing information about the subject’s marital status. This element may contain an s:metadata attribute, pointing to a <rap:Metadata> element containing a nc: ReportedDate/nc:Date element structure. The format for the date is CCYY[-MM[-DD]].

Use a marital status value from the following table:

<table>
<thead>
<tr>
<th>Marital Status</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Married</td>
<td>Never Married</td>
</tr>
<tr>
<td>Widowed</td>
<td>Unmarried Partner</td>
</tr>
<tr>
<td>Divorced</td>
<td>Unknown</td>
</tr>
<tr>
<td>Separated</td>
<td></td>
</tr>
</tbody>
</table>
Example:
<nc:PersonMaritalStatusText>
Never Married
</nc:PersonMaritalStatusText>

Religion (nc:PersonReligionText):

NIEM: A religion to which a person subscribes or believes; a categorization of spiritual beliefs.

This is an optional element containing information about the subject’s religion. This element may contain an s:metadata attribute, pointing to a <rap:Metadata> element containing a nc:ReportedDate/nc:Date element structure. The format for the date is CCYY-MM-DD.

Example:
<nc:PersonReligionText>Lutheran</nc:PersonReligionText>

Biometric information is contained within a <rap:PersonBiometricsAssociation> object. This object contains an nc:PersonReference which contains a s:ref attribute that points to the <rap:RapSheetPerson>.

Person Biometric Information and Photos (rap:PersonBiometrics):

This group element contains information about biometric characteristics and photos for the record subject.

Photo Image(s) (nc:PersonDigitalImage):

NIEM: A photograph or image of a person in a digital format.

Entries should be made in this element if photo images are being transmitted as part of the record, if links are specified to available images, or if photos are available from the referenced agency. This element may occur multiple times. Only one image is to be coded per <nc:PersonDigitalImage> element.

Do not include these types of photos here: (1) Photos of scars, marks, and tattoos should be transmitted as part of the <nc:PersonPhysicalFeature> element; (2) Fingerprint and palm print images should be transmitted using the respective elements <rap:PersonFingerprintSet> and <j:PersonPalmPrint>.

Use the <nc:BinaryCaptureDate> element (below) to report the date on which the image was obtained.

Image (nc:BinaryBase64Object)

NIEM: A binary encoding of data.
Optional. If the actual image is contained here, it must be encoded using the Base64 algorithm which transforms binary data into text characters.

**Image Format (<nc:BinaryFormatID>)**

NIEM: An identifier for a file format or content type of a binary object.

The <nc:BinaryFormatID> is an optional element containing the format in which the SMT image is stored. Values include “image/gif” “image/tiff” “image/jpeg” “application/postscript” “video/mpeg”. Use “image/wsq” for fingerprint images compressed using the ANSI/NIST/FBI recommended algorithm wavelet scalar quantization. The format is the binary format of the image prior to Base64 encoding, or the format of the image that is the target of a hyperlink (see below).

**Image Size (<nc:BinarySizeValue>)**

NIEM: A size of a binary object in kilobytes.

The <nc:BinarySizeValue> is an optional element containing the approximate size of the original image (before encoding).

**Image Type (<nc:BinaryCategoryText>)**

NIEM: A kind of object that has been encoded.

The <nc:BinaryCategoryText> element is required and must contain information about the type of photo specified in the image.

Use a value from the following table. Use <nc:BinaryCategoryText> value of “Mugshot” for full-front facial photos. Mugshots that comply with the NIST Best Practice for the Capture of Mugshots ([http://www.itl.nist.gov/iaui/894.03/face/face.html](http://www.itl.nist.gov/iaui/894.03/face/face.html)) are encouraged. A <nc:BinaryCategoryText> value of “Identification” photo is a photo of the subject other than a mugshot.

<table>
<thead>
<tr>
<th>Photo Type</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Mugshot</td>
<td>Identification</td>
</tr>
<tr>
<td>Signature</td>
<td>Other</td>
</tr>
<tr>
<td>Unknown</td>
<td></td>
</tr>
</tbody>
</table>

**Image Description or Comment (<nc:BinaryDescriptionText>)**

NIEM: A description of a binary object.
An optional element for reporting additional free-text information about the photo. This may be a note or comment about the photo.

**Image Hyperlink (<nc:BinaryLocationURI>)**

**NIEM:** A URL or file reference of a binary object.

An optional element for reporting a hyperlink to the photo. The hyperlink may be a URL or URI or description of a file location.

Example:

```xml
<nc:BinaryLocationURI>
  http://www.doj.state.wi.us/les/XML/files/plym0070.jpg
</nc:BinaryLocationURI>
```

**Date of image (<nc:BinaryCaptureDate>)**

**NIEM:** A date on which a binary object is captured or created.

This element may contain the date on which the photo image was obtained. The format for the date is CCYY-MM-DD).

**Image Agency (<nc:BinaryCapturer>)**

**NIEM:** An entity which captured or created a binary object.

This is the only required element for an image. Use `<nc:EntityOrganization/nc:OrganizationName>` of “Unknown” if no agency is known. If the agency is reported without image or hyperlink data, then the agency has an image on file and can be contacted to obtain one. Use subelements `<rap:EntityOrganization/nc:OrganizationName>` and/or `<rap:EntityOrganization/j:OrganizationAugmentation/j:OrganizationORIIdentification/nc:IdentificationID>`.

Examples:

```xml
<nc:PersonDigitallImages:metadata="meta02">
  <nc:BinaryBase64Object>
    0123456789ABCDEF
    0123456789ABCDEF
    0123456789ABCDEF
    0123456789ABCDEF
    0123456789ABCDEF
    0123456789ABCDEF
  </nc:BinaryBase64Object>
  <nc:BinaryCaptureDate>
    <nc:Date>2001-01-01</nc:Date>
  </nc:BinaryCaptureDate>
  <nc:BinaryCapturer>
    <rap:EntityOrganization>
      <nc:OrganizationName>CIB</nc:OrganizationName>
    </rap:EntityOrganization>
  </nc:BinaryCapturer>
</nc:PersonDigitallImages:metadata="meta02">
Blood Type (<rap:PersonBloodTypeText>):
This element is not contained within a biometric container. It is now located directly within the rap:RapSheetPerson object. This element contains the subject’s blood type. Use a value from the following table.

<table>
<thead>
<tr>
<th>Blood Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>A Positive</td>
</tr>
<tr>
<td>AB Positive</td>
</tr>
<tr>
<td>A Negative</td>
</tr>
<tr>
<td>AB Negative</td>
</tr>
<tr>
<td>A Unknown</td>
</tr>
<tr>
<td>AB Unknown</td>
</tr>
<tr>
<td>B Positive</td>
</tr>
<tr>
<td>O Positive</td>
</tr>
<tr>
<td>B Negative</td>
</tr>
<tr>
<td>O Negative</td>
</tr>
<tr>
<td>B Unknown</td>
</tr>
<tr>
<td>O Unknown</td>
</tr>
<tr>
<td>Unknown</td>
</tr>
</tbody>
</table>

Example:
<nc:PersonBloodTypeText>O Positive</nc:PersonBloodTypeText>

Fingerprint Information and Images (<rap:PersonFingerprintSet>):
This group element reports the subject’s fingerprint classification and may include fingerprint images or references to where images may be obtained.
10-Print Fingerprint Classification (<nc:BiometricValueText>):

NIEM: A textual representation of the value of a biometric.

The element contains the subject’s full 10-print fingerprint classification by “Henry” or other method. (EFTS 2.917)

10-Print Fingerprint Classification Method
(<nc:BiometricEncodingMethodText>):

NIEM: A method used to encode a biometric.

If the fingerprint classification is reported in the element above, then this element may be “Henry” or “FPC” or "Other" or "Unknown" to indicate the classification technique employed. Other classifications types may include pattern codes proprietary to a particular automated fingerprint identification system (AFIS).

One or More Fingerprint Images (<rap:Fingerprint>):

Entries should only be made in this element if fingerprint images are being transmitted as part of the record, or if links are specified to available images. It is assumed that arresting agencies, state identification bureaus, and/or the FBI have fingerprints available. It is not necessary to transmit a full set of fingerprints. Transmitting a single right index print, or making a hyperlink available, is encouraged. This element may occur multiple times. Only one image is to be coded per <rap:Fingerprint> element.

Fingerprint Image Type (<ansi-nist:FingerPositionCode>):

NIEM: Set of possible finger position codes, most probable position first.

Use this to name which finger image is being reported. A required subelement if <rap:Fingerprint> is used. Use a value from the following table.

<table>
<thead>
<tr>
<th>Fingerprint Type</th>
<th>Fingerprint Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 = Right Thumb</td>
<td>6 = Left Thumb</td>
</tr>
<tr>
<td>2 = Right Index</td>
<td>7 = Left Index</td>
</tr>
<tr>
<td>3 = Right Middle</td>
<td>8 = Left Middle</td>
</tr>
<tr>
<td>4 = Right Ring</td>
<td>9 = Left Ring</td>
</tr>
<tr>
<td>5 = Right Little</td>
<td>10 = Left Little</td>
</tr>
<tr>
<td>0 = Right Hand Set</td>
<td>0 = Left Hand Set</td>
</tr>
<tr>
<td>0 = Ten Print Set</td>
<td>0 = Unknown</td>
</tr>
</tbody>
</table>

Fingerprint Image (<nc:BiometricImage>):

NIEM: A picture of a biometric sample.
This is a group element reporting the detail of a single image

**Image (<nc:BinaryBase64Object>)**

**NIEM:** A binary encoding of data.

Optional. If the actual image is contained here, it must be encoded using the Base64 algorithm which transforms binary data into text characters.

**Image Format (<nc:BinaryFormatID>)**

**NIEM:** An identifier for a file format or content type of a binary object.

The <nc:BinaryFormatID> is an optional element containing the format in which the SMT image is stored. Values include “image/gif” “image/tiff” “image/jpeg” “application/postscript” “video/mpeg”. Use “image/wsq” for fingerprint images compressed using the ANSI/NIST/FBI recommended algorithm wavelet scalar quantization. The format is the binary format of the image prior to Base64 encoding, or the format of the image that is the target of a hyperlink (see below).

**Image Size (<nc:BinarySizeValue>)**

**NIEM:** A size of a binary object in kilobytes.

The <nc:BinarySizeValue> is an optional element containing the approximate size of the original image (before encoding).

**Image Type (<nc:BinaryCategoryText>)**

**NIEM:** A kind of object that has been encoded.

The <nc:BinaryCategoryText> element is required and must contain information about the type of photo specified in the image. It is sufficient to use the value “Fingerprint” for single fingers since the <ansi-nist:FingerPositionCode> element above will have information on the specific finger.

**Image Description or Comment (<nc:BiometricDescriptionText>)**

**NIEM:** A description of a binary object.

An optional element for reporting additional free-text information about the photo. This may be a note or comment about the photo.

**Image Hyperlink (<nc:BinaryLocationURI>)**
NIEM: A URL or file reference of a binary object.

An optional element for reporting a hyperlink to the photo. The hyperlink may be a URL or URI or description of a file location.

Example:
<nc:BinaryLocationURI>
  http://www.doj.state.wi.us/ies/XML/files/plym0070.jpg
</nc:BinaryLocationURI>

Date of image (<nc:BinaryCaptureDate>)

NIEM: A date on which a binary object is captured or created.

This element may contain the date on which the fingerprint image was obtained. The format for the date is CCYY[-MM[-DD]].

Image Agency (<nc:BinaryCapturer>)

NIEM: An organization which captured or created a binary.

This is the only required element for an image. Use OrganizationName of “Unknown” if no agency is known. If the agency is reported without image or hyperlink data, then the agency has an image on file and can be contacted to obtain one. Use subelements <rap:EntityOrganization/nc:OrganizationName> and/or

Example (transmits a fingerprint image):
<rap:PersonFingerprintSet>
  <rap:Fingerprint>
    <nc:BiometricImage>
      <nc:BinaryBase64Object>
        0123456789ABCDEF
        0123456789ABCDEF
        0123456789ABCDEF
        0123456789ABCDEF
        0123456789ABCDEF
      </nc:BinaryBase64Object>
      <nc:BinaryCaptureDate>
        <nc:Date>2001-01-01</nc:Date>
      </nc:BinaryCaptureDate>
      <nc:BinaryCapturer>
        <nc:OrganizationName>CIB</nc:OrganizationName>
      </nc:BinaryCapturer>
      <nc:BinaryDescriptionText>
        Grayscale
      </nc:BinaryDescriptionText>
      <nc:BinaryFormatID>image/wsq</nc:BinaryFormatID>
      <nc:BinaryLocationURI>
        http://www.doj.state.wi.us/les/XML/files/plym0070.jpg
      </nc:BinaryLocationURI>
      <nc:BinarySizeValue>75</nc:BinarySizeValue>
      <nc:BinaryCategoryText>Fingerprint</nc:BinaryCategoryText>
    </nc:BiometricImage>
  </rap:Fingerprint>
</rap:PersonFingerprintSet>

Example (transmits fingerprint classification):
<rap:PersonFingerprintSet>
  <nc:BiometricValueText>
    66AA09TTP158AA6413XI
  </nc:BiometricValueText>
  <nc:BiometricEncodingMethodText>
    FPC
  </nc:BiometricEncodingMethodText>
</rap:PersonFingerprintSet>
DNA (<rap:PersonDNA>):

Entries should only be made in this element if an Agency is known to have a DNA sample of the record subject. This element allows two kinds of reporting. First, most common and useful, is to report that a DNA sample has been taken from the subject, has been coded, and is available from a specific agency. Second, not normally included in a criminal history response, is the optional ability to transmit the actual detail of the DNA code. The latter is included for those implementations that require the transmittal of the detail code.

Subelements used to report the actual DNA encoded values for this subject may be omitted. If actual codes are specified, the encoding method must be STR (short tandem repeat). The name “STR” must be specified as the value of the <nc:BiometricEncodingMethodText> element if <nc:DNALocus> subelements are included. The <nc:PersonDNA> element may report the <nc:BiometricCaptureDate> element showing the date on which the DNA sample was collected or processed, and may report the <nc:BiometricCapturer/rap:EntityOrganization> showing where DNA information is available.

Encoding Method (<nc:BiometricEncodingMethodText>):

NIEM: A method used to encode a biometric.

Use this element only if <nc:DNALocus> element will be transmitted. The only allowable value is “STR” (short tandem repeat).

Additional Description or Comment(<nc:BiometricDescriptionText>)

NIEM: A description of a biometric.

An optional element for reporting additional free-text information or comment about the DNA.

Agency (<nc:BiometricCapturer/rap:EntityOrganization>):

NIEM: An organization that collected a biometric sample.

This element contains information about the agency holding or supplying DNA information. If the <nc:DNALocus> elements are not transmitted, then the DNA detail information is available from the agency. One or both of the subelements <nc:OrganizationName> or <j:OrganizationAugmentation/j:OrganizationORIIdentification/nc:IdentificationID> must be present.

Date (<nc:BiometricCaptureDate>):

NIEM: A date a biometric sample was collected.

This element contains the date the DNA sample was taken. The format for the date is CCYY[-MM[-DD]].

DNA Detail (<nc:DNALocus>):
**NIEM**: Location specific information regarding a person’s DNA.

The STR encoded values for this subject may be transmitted using repetitive occurrences of this element. This element repeats up to 13 times for the loci used in STR (short tandem repeat) encoding. An optional 14\textsuperscript{th} locus (Amelogenin) defines the subject’s sex and may be included.

**DNA Detail Locus Type (<nc:DNAlocusCategoryText>):**

**NIEM**: A location within a strand of DNA that a value is determined.

The name of the locus must be specified. Use type values from the following table:

<table>
<thead>
<tr>
<th>DNA Loci Types</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Amelogenin</td>
<td>D5S818</td>
</tr>
<tr>
<td>CSF1PO</td>
<td>D7S820</td>
</tr>
<tr>
<td>D13S317</td>
<td>D8S1179</td>
</tr>
<tr>
<td>D16S539</td>
<td>FGA</td>
</tr>
<tr>
<td>D18S51</td>
<td>TH01</td>
</tr>
<tr>
<td>D21S11</td>
<td>TPOX</td>
</tr>
<tr>
<td>D3S1358</td>
<td>vWA</td>
</tr>
</tbody>
</table>

**DNA Encoded Values (<nc:DNAlocusValue>):**

**NIEM**: A value string for a DNA locus.

Each DNA locus may have one or two values. Repeat the <nc:DNAlocusValue> element for multiple values. All of the loci have numeric values except Amelogenin which uses X, Y, and XX.

Examples:

```xml
<nc:PersonDNA>
<nc:BiometricCapturer>
<rap:EntityOrganization>
<j:OrganizationAugmentation>
<j:OrganizationORIIdentification>
<nc:IdentificationID>WI041015Y</nc:IdentificationID>
</j:OrganizationORIIdentification>
</j:OrganizationAugmentation>
</rap:EntityOrganization>
</nc:BiometricCapturer>
```
<nc:PersonDNA>
  <nc:BiometricEncodingMethodText>
    STR
  </nc:BiometricEncodingMethodText>
  <nc:BiometricDescriptionText>
    Pursuant to sex offender registration.
  </nc:BiometricDescriptionText>
  <nc:BiometricCapturer>
    <rap:EntityOrganization>
      <nc:OrganizationName>Crime Laboratory</nc:OrganizationName>
      <j:OrganizationAugmentation>
        <j:OrganizationORIIdentification>
          <nc:IdentificationID>WI041015Y</nc:IdentificationID>
        </j:OrganizationORIIdentification>
      </j:OrganizationAugmentation>
    </rap:EntityOrganization>
  </nc:BiometricCapturer>
  <nc:BiometricCaptureDate>
    <nc:Date>2001-01-01</nc:Date>
  </nc:BiometricCaptureDate>
  <nc:DNALocus>
    <nc:DNALocusCategoryText>Amelogenin</nc:DNALocusCategoryText>
    <nc:DNALocusValue>X</nc:DNALocusValue>
    <nc:DNALocusValue>Y</nc:DNALocusValue>
  </nc:DNALocus>
  <nc:DNALocus>
    <nc:DNALocusCategoryText>CSF1PO</nc:DNALocusCategoryText>
    <nc:DNALocusValue>11</nc:DNALocusValue>
    <nc:DNALocusValue>12</nc:DNALocusValue>
  </nc:DNALocus>
  <nc:DNALocus>
    <nc:DNALocusCategoryText>D13S317</nc:DNALocusCategoryText>
    <nc:DNALocusValue>11</nc:DNALocusValue>
  </nc:DNALocus>
  ...
  <nc:DNALocus>
    <nc:DNALocusCategoryText>vWA</nc:DNALocusCategoryText>
    <nc:DNALocusValue>14</nc:DNALocusValue>
    <nc:DNALocusValue>16</nc:DNALocusValue>
  </nc:DNALocus>
</nc:PersonDNA>

Palm Print Image(s) (<j:PersonPalmPrint>):

NIEM: A representation or an encoding of the identifying characteristics of a person’s palm print.

Entries should be made in this element if palm print images are being transmitted as part of the record, if links are specified to available images, or if a palm print is available.
from the referenced agency. This element may occur multiple times. Only one image is to be coded per <j:PersonPalmPrint> element.

**Palm Print Image (<nc:BiometricImage>):**

NIEM: A picture of a biometric sample.

This is a group element reporting the detail of a single image

**Image (<nc:BinaryBase64Object>):**

NIEM: A binary encoding of data.

Optional. If the actual image is contained here, it must be encoded using the Base64 algorithm which transforms binary data into text characters.

**Image Format (<nc:BinaryFormatID>):**

NIEM: An identifier for a file format or content type of a binary object.

The <nc:BinaryFormatID> is an optional element containing the format in which the SMT image is stored. Values include “image/gif” “image/tiff” “image/jpeg” “application/postscript” “video/mpeg”. Use “image/wsq” for fingerprint images compressed using the ANSI/NIST/FBI recommended algorithm wavelet scalar quantization. The format is the binary format of the image prior to Base64 encoding, or the format of the image that is the target of a hyperlink (see below).

**Image Size (<nc:BinarySizeValue>):**

NIEM: A size of a binary object in kilobytes.

The <nc:BinarySizeValue> is an optional element containing the approximate size of the original image (before encoding).

**Palm Print Type (<nc:BinaryCategoryText>):**

NIEM: A kind of object that has been encoded.

The <nc:BinaryCategoryText> element should contain information about which palm(s) are included in the image. Use a value from the following table:
**Palm Print Type**

<table>
<thead>
<tr>
<th>Right Palm</th>
<th>Left Palm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Right Writer’s Palm</td>
<td>Left Writer’s Palm</td>
</tr>
<tr>
<td>Both Palms</td>
<td>Both Writer’s Palms</td>
</tr>
<tr>
<td>Unknown</td>
<td></td>
</tr>
</tbody>
</table>

**Additional Description or Comment**

*(<nc:BinaryDescriptionText>)*

**NIEM**: A description of a binary object.

An optional element for reporting additional free-text information or comment about the palm print.

**Image Hyperlink** *(<nc:BinaryLocationURI>)*

**NIEM**: A URL or file reference of a binary object.

An optional element for reporting a hyperlink to the photo. The hyperlink may be a URL or URI or description of a file location.

Example:

<nc:BinaryLocationURI>
   http://www.doj.state.wi.us/les/XML/files/plym0070.jpg
</nc:BinaryLocationURI>

**Date of image** *(<nc:BinaryCaptureDate>)*

**NIEM**: A date on which a binary object is captured or created.

This element may contain the date on which the palm print image was obtained. The format for the date is CCYY[-MM[-DD]].

**Image Agency** *(<nc:BinaryCapturer/rap:EntityOrganization>)*

**NIEM**: An entity which captured or created a binary.

This is the only required element for an image. Use <nc:OrganizationName> of “Unknown” if no agency is known. If the agency is reported without image or hyperlink data, then the agency has an image on file and can be contacted to obtain one. Use subelements <nc:OrganizationName> and/or

<j:OrganizationAugmentation/j:OrganizationORIIdentiﬁcation/nc:IdentiﬁcationId>.

Examples:

<j:PersonPalmPrint>
<nc:BiometricImage>
Person Medical Condition Description (<nc:PersonMedicalCondition>):

NIEM: A state of health for a person, on-going or present.

This group element contains descriptive information about the record subject’s medical condition.

This element may be repeated to report one or more specific medical conditions. Use the an s:metadata attribute, pointing to a <rap:Metadata> element containing a nc:ReportedDate/nc:Date element structure to record the reported date. The format for the date is CCYY[-MM[-DD]]. Use the <nc:MedicalConditionText> subelement to report the specific condition.

Note: For all implementations of the rapsheet document, it is suggested that if medical conditions are included, then the document’s <rap:Introduction> should include a <rap:Caveat> advising of possible restrictions on the use of medical information.

Example:
<nc:PersonMedicalCondition>
<nc:MedicalConditionText>Diabetic</nc:MedicalConditionText>
</nc:PersonMedicalCondition>

Caution Information (<rap:SubjectCautionInformationText>):

This element contains a free-text cautionary message concerning the record subject. The <rap:SubjectCautionInformationText> element may contain an s:metadata attribute, pointing to a <rap:Metadata> element containing a nc:ReportedDate/nc:Date element structure. The format for the date is CCYY[-MM[-DD]]. The metadata block may also contain the nc:ReportingOrganizationText element containing the NCIC state two-letter code from which the comment statement was issued; "Unknown" is also an allowable value.

Example:
<rap:SubjectCautionInformationText>
Armed and dangerous
</rap:SubjectCautionInformationText>

Offender Notice Information or Comment (<j:SubjectOffenderNoticeText>):

NIEM: Additional information associated with a subject.

This element contains a free-text description of additional information associated with the record subject, or any other comment. The <j:SubjectOffenderNoticeText> element may contain an s:metadata attribute, pointing to a <rap:Metadata> element containing a nc:ReportedDate/nc:Date element structure. The format for the date is CCYY[-MM[-DD]]. The metadata block may also contain the nc:ReportingOrganizationText element containing the NCIC state two-letter code from which the comment statement was issued.

Example:
Subject of the record is a convicted felon.

3.3 Cycle (<rap:RapSheetCycle>)

Each cycle will be based upon a fingerprint submission that either establishes the subject record or positively identifies the current submission to the existing subject record. Ordinarily, a cycle will begin with an arrest and will contain all the reported information that pertains to that arrest. The incident is the criminal offense that led to the arrest, and for the rapsheet identifies the date of the offense. Cycles may be based upon a fingerprint submission taken by other than arresting agencies, such as prosecutors or custodial agencies. All information contained in the cycle must be related to the fingerprint submission that originally created the cycle. In some instances, multiple fingerprint submissions will exist within a cycle (e.g., arrest and custodial), but they must all relate to the original fingerprint submission.

Earliest Event Date (<rap:CycleEarliestDate>):

This element contains the earliest date included in the cycle element. The <rap:CycleEarliestDate> must be the earliest of arrest date, arrest disposition, prosecutor disposition, or court disposition dates. Do not use the incident date of offense even though it may be earlier. That is, <rap:CycleEarliestDate> must be the earliest of <nc:ActivityDate> under <rap:Arrest>, <rap:Prosecution>, <rap:CourtAction>, <rap:Sentencing>, or <rap:Supervision>. The format for the date is CCYY-MM-DD, the actual value of which is actually in the sub-element nc:Date. This is a mandatory data element, intended to facilitate sorting of cycles when rapsheets from different sources are merged. If no dates are available, the element may be included without a date value using the @nil attribute (see example below).

Example:
<rap:CycleEarliestDate>
  <nc:Date>1995-07-04</nc:Date>
</rap:CycleEarliestDate>

<rap:CycleEarliestDate>
  <nc:Date xsi:nil="true"></nc:Date>
</rap:CycleEarliestDate>

Cycle Tracking Number (<rap:CycleTrackingIdentificationID>): A unique number or alphanumeric identifier assigned to the entire cycle. Usually, this identifier will be the <j:ChargeTrackingIdentification> most representative of the entire cycle. The intent of a tracking number is to associate arrest charges with prosecution charges and with final court charge disposition. A cycle may contain multiple charges, and for many contributing systems a single unique number is related to every charge throughout the cycle. Some systems however, especially court and prosecutor systems, allow case consolidation which results in charges from
multiple arrest events (cycles) being disposed together. The intent of this specification is to identify a single number that is representative of the entire cycle, while also permitting each charge to have differing `<j:ChargeTrackingIdentification>` element values if needed by the reporting system.

Example:
<rap:CycleTrackingIdentificationID>
  46019527
</rap:CycleTrackingIdentificationID>

**Incident segment `<rap:Incident>`**
The NIEM-derived incident object is included in the rapsheet solely to report the date of criminal offense.

*Date of Offense* `<nc:ActivityDate/nc:Date>`:

NIEM: A date of an activity.

This element contains the date of the offense to which the cycle corresponds. The format for the date is CCYY[-MM[-DD]].

Example:
<nc:ActivityDate>
  <nc:Date>2007-12-09</nc:Date>
</nc:ActivityDate>

**Arrest segment `<rap:Arrest>`:**
When the Arrest element is included, a minimum of one `<j:ArrestCharge>` element is mandatory. All of the law enforcement-initiated charges for this cycle are to be reported in the Arrest segment. If the arresting and booking agencies are different, the Arrest segment contains all of the charges for both agencies.

*Arrest Type* `<nc:ActivityCategoryText>`:

NIEM: A kind of activity.

This element contains the guidelines under which it is anticipated the subject will be processed, such as, Adult, Juvenile, Juvenile as Adult, etc.

Example:
<nc:ActivityCategoryText>Adult</nc:ActivityCategoryText>

*Arrest Date* `<nc:ActivityDate/nc:Date>`:

NIEM: A date of an activity.

This element contains the date of arrest. The format for the date is CCYY[-MM[-DD]]. (EFTS 2.045)

Example:
<nc:ActivityDate>
<nc:Date>2007-12-09</nc:Date>
</nc:ActivityDate>

**Arrest Comments (<nc:ActivityDescriptionText>):**

**NIEM:** A description of an activity.

This element contains information supplemental or ancillary to the other data specified in the Arrest segment.

Example:
<nc:ActivityDescriptionText>
Resisted Arrest
</nc:ActivityDescriptionText>

**Arrest Case Number (<j:ArrestAgencyRecordIdentification>):**

**NIEM:** A records management system number of the originating case agency for an arrest.

This element contains the case number assigned by the arresting agency. This element, called the Originating Case Agency number (OCA) in the III, can be used to enter an AFIS or Process Control Number from the arrest fingerprint card. *Note: see Booking segment for reporting Booking agency OCA.*

Example:
<j:ArrestAgencyRecordIdentification>
<nc:IdentificationID>1998AF002354</nc:IdentificationID>
</j:ArrestAgencyRecordIdentification>

**Subject of Arrest (<rap:ArrestSubject>):**

This group element contains the name and local identifier for the arrested person.

**Subject Name (<rap:SubjectFullName>):**

This element should include all names for the record subject, including “also known as” (AKA) alias names.

Example:
<rap:SubjectFullName>
Mitch Doherty
</rap:SubjectFullName>
<rap:SubjectFullName>
Michael Doherty
</rap:SubjectFullName>

**Arrest Offender Identification Number (<j:SubjectIdentification>):**

**NIEM:** An assigned number or string that identifies a subject.
This element contains a unique identification number assigned to an arrest subject by the local arresting agency, much like the SID number assigned at the state level or the FNU assigned at the federal level.

Example:

<j:SubjectIdentification>
  <nc:IdentificationID>48204395</nc:IdentificationID>
</j:SubjectIdentification>
Arrest Charge (<j:ArrestCharge>):

NIEM: A formal allegation of a violation of a statute and/or ordinance in association with an arrest.

At least one Arrest Charge element must be included in the Arrest segment.

Charge Number (<j:ChargeIdentification>):

NIEM: A unique identifying number assigned to a particular charge by an arresting agency, prosecuting attorney, or a court for case management purposes.

This element contains a unique identifying number assigned to the particular charge for case management purposes.

Example:
<j:ChargeIdentification>
<nc:IdentificationID>94D002356</nc:IdentificationID>
</j:ChargeIdentification>

Charge Literal (<j:ChargeText>):

NIEM: The text of a charge.

This element contains text describing the charge.

Example:
<j:ChargeText>Robbery</j:ChargeText>

Charge Sequence Number (<j:ChargeSequenceID>):

NIEM: A sequentially assigned number for charge tracking purposes.

This element contains a sequentially assigned number for charge tracking purposes (for example, the first charge under the arrest might be assigned Charge Sequence Number 1, the second 2, and so forth).

Example:
<j:ChargeSequenceID>
<nc:IdentificationID>01</nc:IdentificationID>
</j:ChargeSequenceID>

Charge Tracking Number (<j:ChargeTrackingIdentification>):

NIEM: A unique identifying number assigned to an entire set of charges for an arrest. Different numbers may appear in the set if cases have been consolidated.

This element contains a unique identifying number assigned to the entire set of charges for this arrest/cycle. Different numbers may appear in the set if cases have been consolidated.

Example:
<j:ChargeTrackingIdentification>
<nc:IdentificationID>AD486</nc:IdentificationID>
</j:ChargeTrackingIdentification>

Charge Comments (<j:ChargeDescriptionText>):

NIEM: A plain language description of the charge.
Use this element to report information supplemental or ancillary to the other data specified in the Arrest Charge element.

Example:
<j:ChargeDescriptionText>
  Referred for clinical evaluation
</j:ChargeDescriptionText>

**Inchoate Charge (<j:ChargeApplicabilityText>):**

NIEM: A degree of involvement a person is being charged with committing in an offense.

This optional element may be used to report charges that describe the subject’s involvement in the offense. The following are valid values to be entered in this element: Solicitation; Conspiracy; Attempt; Accomplice.

Example:
<j:ChargeApplicabilityText>
  Attempt
</j:ChargeApplicabilityText>

**Charge Reducing Factor (<j:ChargeReducingFactorText>):**

NIEM: A factor which may make a charge less serious or limit the penalty.

This element may be used to report factors that make the charge less serious.

Example:
<j:ChargeReducingFactorText>
  First offense
</j:ChargeReducingFactorText>

**Charge Enhancing Factor (<j:ChargeSpecialAllegationText>):**

NIEM: A factor that has enhanced a charge, making it a more serious offense.

This element may be used to report factors that make the charge more serious.

Example:
<j:ChargeSpecialAllegationText>
  Elderly victim
</j:ChargeSpecialAllegationText>

**Charge Severity (<j:ChargeSeverityText>):**

NIEM: A level of severity of a charge.

This element contains the charge severity. The following are valid values to be entered in this element: Felony; Misdemeanor; Local Ordinance; Other; Unknown.

Example:
<j:ChargeSeverityText>Felony</j:ChargeSeverityText>
Counts (<j:ChargeCountQuantity>):
NIEM: A number of times a person is charged with committing the same crime.
This is an optional, numeric element minimum length one character, maximum length three characters. This element can be used to show that the subject was charged multiple times for the same crime.
Example:
<j:ChargeCountQuantity>4</j:ChargeCountQuantity>

Arrest Action Literal (<j:ChargeDisposition>):
NIEM: Details about the results or processing of a charge.
This element is optional, and it is expected that it would not be commonly used in the Arrest segment. If omitted, it is assumed that the arrest details were referred for prosecution. If the arrest charges are dismissed by the law enforcement agency, or dropped, or the case is not referred for prosecution, then this element should be used to report a final disposition for the cycle.
This element must contain a value for the <j:ChargeDispositionOtherText> element most closely associated with the disposition from the following table:

<table>
<thead>
<tr>
<th>Disposition Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acquitted</td>
</tr>
<tr>
<td>Convicted</td>
</tr>
<tr>
<td>Revocation</td>
</tr>
<tr>
<td>Charges Dropped</td>
</tr>
<tr>
<td>Other</td>
</tr>
<tr>
<td>Deferred</td>
</tr>
<tr>
<td>Failure To Appear</td>
</tr>
<tr>
<td>Dismissed</td>
</tr>
<tr>
<td>Not Prosecuted</td>
</tr>
<tr>
<td>Unknown</td>
</tr>
</tbody>
</table>

Disposition Date (<nc:DispositionDate>):
NIEM: A date a disposition occurred.
This element is optional, and if available, reports the date on which the action was taken. The format for the date is CCYY[-MM[-DD]].

Disposition (<nc:DispositionDescriptionText>):
NIEM: A description of a disposition.
This element contains a free-text description of law enforcement agency action, such as custody only, turned over to another agency, not referred for prosecution, or referred for prosecution.
Example:
<j:ChargeDisposition>
  <nc:DispositionDate>
    <nc:Date>
      1996-07-07
    </nc:Date>
  </nc:DispositionDate>
  <nc:DispositionDescriptionText>
    Case closed without referral for prosecution.
  </nc:DispositionDescriptionText>
</j:ChargeDisposition>

Charge NCIC Code (<j:ChargeNCICCode>):
NIEM: An offense within the National Crime Information Center (NCIC) system.
This element contains the NCIC offense code. NCIC offense codes are listed in the NCIC 2000 Code Manual.
Example:
<j:ChargeNCICCode>8312</j:ChargeNCICCode>

State or Local Offense Information (<j:ChargeStatute>):
NIEM: A unique identifier of a law, rule, or ordinance within a jurisdiction that a person is accused of violating.

  Statute Number (<j:StatuteCodeIdentification>):
  NIEM: An identifier of a set of laws for a particular jurisdiction.
  This element contains the statute number.

  Note: Implementers are advised to avoid use of the "§" subsection character.

  State Offense Code (<j:StatuteOffenseIdentification>):
  NIEM: An identification of a criminal offense within a code book.
  This element contains the offense code from the state.

Charge State (<j:StatuteJurisdiction>):
NIEM: Details about an area in which a statute applies.
Use the <nc:LocationStateName> subelement to report the 2-character state abbreviation.
Example:
<j:ChargeStatute>
<j:StatuteCodeIdentification>
<nc:IdentificationID>943.2(e)10</nc:IdentificationID>
</j:StatuteCodeIdentification>
<j:StatuteJurisdiction>
<nc:LocationStateName>WI</nc:LocationStateName>
</j:StatuteJurisdiction>
<j:StatuteOffenseIdentification>
<nc:IdentificationID>20836</nc:IdentificationID>
</j:StatuteOffenseIdentification>
</j:ChargeStatute>

**Arrest Agency (<rap:Agency>):**

This element contains information about the arresting agency responsible for one or more of the charges in the Arrest segment. One or both of the subelements <nc:OrganizationName> or <j:OrganizationORIIdentification> must be present. The rap:Arrest and rap:Agency objects are linked together via a rap:ArrestAgencyAssociation.

Example:
<rap:Agency s:id="agency01">
<nc:OrganizationName>CIB</nc:OrganizationName>
<j:OrganizationAugmentation>
<j:OrganizationORIIdentification>
<nc:IdentificationID>WI013415Y</nc:IdentificationID>
</j:OrganizationORIIdentification>
</j:OrganizationAugmentation>
</rap:Agency>

<rap:ArrestAgencyAssociation>
<nc:ActivityReference s:ref="arrest01"/>
<nc:OrganizationReference s:ref="agency01"/>
</rap:ArrestAgencyAssociation>

**Booking segment (<rap:Booking>):**

This optional segment, and group element, contains information about the booking agency, if different from the arresting agency. This segment may be omitted if the booking and arrest agencies are identical. Often, a booking agency is responsible for obtaining fingerprint
impressions and contributing records to a state identification bureau. Booking agencies may be responsible for some or all of the charges in the <rap:Arrest> segment.

**Booking Case Number (<j:BookingAgencyRecordIdentification>):**

NIEM: A booking identifier of the originating case agency.

This element contains the case number assigned by the booking agency. This element, called the Originating Case Agency number (OCA) in the III, can be used to enter an AFIS or Process Control Number from the arrest fingerprint card. *Note: see Arrest segment for reporting the Arresting agency’s OCA.*

Example:

```
<j:BookingAgencyRecordIdentification>
  <nc:IdentificationID>1998AF002355</nc:IdentificationID>
</j:BookingAgencyRecordIdentification>
```

**Booking Agency (<rap:Agency>):**

This element contains information about the booking agency. One or both of the subelements <nc:OrganizationName> or <j:OrganizationORIID> must be present. The rap:Booking and rap:Agency objects are linked together via a rap:BookingAgencyAssociation.

Example:

```
<rap:Agency s:id="agency01">
  <nc:OrganizationName>CIB</nc:OrganizationName>
  <j:OrganizationORIID>
    <nc:IdentificationID>WI013415Y</nc:IdentificationID>
  </j:OrganizationORIID>
</rap:Agency>
```

**Prosecution Segment (<rap:Prosecution>):**

When the Prosecution segment element is included, a minimum of one Prosecutor Charge element is mandatory. If, for this cycle, any of the charges are filed with a court, then the Prosecution segment is optional. This segment should be used when the Prosecutor represents the final stage in this cycle – no prosecution of any charge occurs. This segment may be used to report an intermediate set of charges filed with a court by the Prosecutor.

**Prosecution Filing or Closing Date (<nc:ActivityDate>):**

NIEM: A date of an activity.

This element contains the date the prosecutor first files charges with a court, or the date the prosecutor closes the case by declining to prosecute all charges referred by law enforcement. The format for the date is CCYY[-MM[-DD]]. (EFTS 2.045)
Example:

```xml
<nc:ActivityDate>
  <nc:Date>1998-05-30</nc:Date>
</nc:ActivityDate>
```

**Prosecution Comments (<nc:ActivityDescriptionText>):**

**NIEM:** A description of an activity.

This element contains information supplemental or ancillary to the other data specified in the Prosecution segment.

Example:

```xml
<nc:ActivityDescriptionText>
  Repeat offender.
</nc:ActivityDescriptionText>
```

**Prosecutor Case Number (<rap:ProsecutionAgencyRecordIdentification>):**

This element contains the case number assigned by the prosecuting agency. This element is also called the Originating Case Agency number (OCA).

Example:

```xml
<rap:ProsecutionAgencyRecordIdentification>
  <nc:IdentificationID>1998AF002356</nc:IdentificationID>
</rap:ProsecutionAgencyRecordIdentification>
```

**Subject of Prosecution (<rap:ProsecutionSubject>):**

This group element contains the name and local identifier for the prosecuted person.

**Subject Name (<rap:SubjectFullName>):**

This element should include all names for the record subject, including “also known as” (AKA) alias names.

**Prosecution Person Identification Number (<j:SubjectIdentification>):**

**NIEM:** An assigned number or string that identifies a subject.

This element contains a unique identification number assigned to a subject by the prosecutor, much like the SID number assigned at the state level or the FNU assigned at the federal level.

Example:

```xml
<rap:ProsecutionSubject>
  <j:SubjectIdentification>
    <nc:IdentificationID>48204396</nc:IdentificationID>
  </j:SubjectIdentification>
  <rap:SubjectFullName>
    Mitch Doherty
  </rap:SubjectFullName>
</rap:ProsecutionSubject>
```
Prosecution Charge (<j:ProsecutionCharge>):
NIEM: A charge filed by a prosecuting attorney.
At least one Prosecution Charge element must be included in the Prosecution segment.

Charge Number (<j:ChargeIdentification>):
NIEM: A unique identifying number assigned to a particular charge by an arresting agency, prosecuting attorney, or a court for case management purposes.
This element contains a unique identifying number assigned to the particular charge for case management purposes.
Example:
<j:ChargeIdentification>
<nc:IdentificationID>94D002356</nc:IdentificationID>
</j:ChargeIdentification>

Charge Literal (<j:ChargeText>):
NIEM: The text of a charge.
This element contains text describing the charge.
Example:
<j:ChargeText>Robbery</j:ChargeText>

Charge Sequence Number (<j:ChargeSequenceID>):
NIEM: A sequentially assigned number for charge tracking purposes.
This element contains a sequentially assigned number for charge tracking purposes (for example, the first charge under the arrest might be assigned Charge Sequence Number 1, the second 2, and so forth).
Example:
<j:ChargeSequenceID>
<nc:IdentificationID>01</nc:IdentificationID>
</j:ChargeSequenceID>

Charge Tracking Number (<j:ChargeTrackingIdentification>):
NIEM: A unique identifying number assigned to an entire set of charges for an arrest. Different numbers may appear in the set if cases have been consolidated.
This element contains a unique identifying number assigned to the entire set of charges for this arrest/cycle. Different numbers may appear in the set if cases have been consolidated.
Example:
<j:ChargeTrackingIdentification>
<nc:IdentificationID>AD486</nc:IdentificationID>
</j:ChargeTrackingIdentification>
**Charge Comments (<j:ChargeDescriptionText>):**

**NIEM:** A plain language description of the charge.

Use this element to report information supplemental or ancillary to the other data specified in the Arrest Charge element.

**Example:**
<j:ChargeDescriptionText>
Referral for clinical evaluation
</j:ChargeDescriptionText>

**Inchoate Charge (<j:ChargeApplicabilityText>):**

**NIEM:** A degree of involvement a person is being charged with committing in an offense.

This optional element may be used to report charges that describe the subject’s involvement in the offense. The following are valid values to be entered in this element: Solicitation; Conspiracy; Attempt; Accomplice.

**Example:**
<j:ChargeApplicabilityText>
Attempt
</j:ChargeApplicabilityText>

**Charge Reducing Factor (<j:ChargeReducingFactorText>):**

**NIEM:** A factor which may make a charge less serious or limit the penalty.

This element may be used to report factors that make the charge less serious.

**Example:**
<j:ChargeReducingFactorText>
First offense
</j:ChargeReducingFactorText>

**Charge Enhancing Factor (<j:ChargeSpecialAllegationText>):**

**NIEM:** A factor that has enhanced a charge, making it a more serious offense.

This element may be used to report factors that make the charge more serious.

**Example:**
<j:ChargeSpecialAllegationText>
Elderly victim
</j:ChargeSpecialAllegationText>

**Charge Severity (<j:ChargeSeverityText>):**

**NIEM:** A level of severity of a charge.
This element contains the charge severity. The following are valid values to be entered in this element: Felony; Misdemeanor; Local Ordinance; Other; Unknown.

Example:
<j:ChargeSeverityText>Felony</j:ChargeSeverityText>

Counts (<j:ChargeCountQuantity>):

NIEM: A number of times a person is charged with committing the same crime.
This is an optional, numeric element minimum length one character, maximum length three characters. This element can be used to show that the subject was charged multiple times for the same crime.

Example:
<j:ChargeCountQuantity>4</j:ChargeCountQuantity>

Prosecution Action Literal (<j:ChargeDisposition>):

NIEM: Details about the results or processing of a charge.
This element is optional, and it is expected that it would usually be used to report charges dismissed, dropped or declined for prosecution (*nolle prosequi*).
If all of the charges referred by the arresting agency are dismissed or declined by the prosecutor, and no additional charges are added, then this element should be used to report a final disposition for the cycle.
This element must contain a value for the <j:ChargeDispositionOtherText> element most closely associated with the disposition from the following table:

<table>
<thead>
<tr>
<th>Disposition Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acquitted</td>
</tr>
<tr>
<td>Convicted</td>
</tr>
<tr>
<td>Revocation</td>
</tr>
<tr>
<td>Charges Dropped</td>
</tr>
<tr>
<td>Other</td>
</tr>
<tr>
<td>Deferred</td>
</tr>
<tr>
<td>Failure To Appear</td>
</tr>
<tr>
<td>Dismissed</td>
</tr>
<tr>
<td>Not Prosecuted</td>
</tr>
<tr>
<td>Unknown</td>
</tr>
</tbody>
</table>

Disposition Date (<nc:DispositionDate>):

NIEM: A date a disposition occurred.
This element is optional, and if available, reports the date on which the action was taken. The format for the date is CCYY[-MM[-DD]].
Disposition (<nc:DispositionDescriptionText>):

NIEM: A description of a disposition.
This element contains a free-text description of law enforcement agency action, such as custody only, turned over to another agency, not referred for prosecution, or referred for prosecution.

Example:
<j:ChargeDisposition>
  <nc:DispositionDate>
    <nc:Date>
      1996-07-07
    </nc:Date>
  </nc:DispositionDate>
  <nc:DispositionDescriptionText>
    Case closed without referral for prosecution.
  </nc:DispositionDescriptionText>
  <j:ChargeDispositionOtherText>
    Charges Dropped
  </j:ChargeDispositionOtherText>
</j:ChargeDisposition>

Charge NCIC Code (<j:ChargeNCICCode>):

NIEM: An offense within the National Crime Information Center (NCIC) system.
This element contains the NCIC offense code. NCIC offense codes are listed in the NCIC 2000 Code Manual.

Example:
<j:ChargeNCICCode>8312</j:ChargeNCICCode>

State or Local Offense Information (<j:ChargeStatute>):

NIEM: A unique identifier of a law, rule, or ordinance within a jurisdiction that a person is accused of violating.

Statute Number (<j:StatuteCodeIdentification>):

NIEM: An identifier of a set of laws for a particular jurisdiction.
This element contains the statute number.

Note: Implementers are advised to avoid use of the "§" subsection character.

State Offense Code (<j:StatuteOffenseIdentification>):

NIEM: An identification of a criminal offense within a code book.
This element contains the offense code from the state.

Charge State (<j:StatuteJurisdiction>):

NIEM: Details about an area in which a statute applies.
Use the <nc:LocationStateName> subelement to report the 2-character state abbreviation.

Example:
<j:ChargeStatute>
  <j:StatuteCodeIdentification>
    <nc:IdentificationID>
      943.2(e)10
    </nc:IdentificationID>
  </j:StatuteCodeIdentification>
  <j:StatuteJurisdiction>
    <nc:LocationStateName>
      WI
    </nc:LocationStateName>
  </j:StatuteJurisdiction>
  <j:StatuteOffenseIdentification>
    <nc:IdentificationID>
      20836
    </nc:IdentificationID>
  </j:StatuteOffenseIdentification>
</j:ChargeStatute>

Prosecution Agency (<rap:Agency>):

This element contains information about the prosecuting agency responsible for one or more of the charges in the Prosecution segment. One or both of the subelements <nc:OrganizationName> or <j:OrganizationORIIdentification> must be present. The rap:Prosecution and rap:Agency objects are linked together via a rap:ProsecutionAgencyAssociation.

Example:
<rap:Agency>
  <nc:OrganizationName>CIB</nc:OrganizationName>
  <j:OrganizationAugmentation>
    <j:OrganizationORIIdentification>
      <nc:IdentificationID>WI013415Y</nc:IdentificationID>
    </j:OrganizationORIIdentification>
  </j:OrganizationAugmentation>
</rap:Agency>

Court Segment (<rap:CourtAction>):

When the Court segment element is included, a minimum of one Court Charge element is mandatory. This segment is intended primarily to report a final disposition on charges. Ideally, the <j:ChargeSequenceID> has been used to tie Arrest, Prosecution, and Court charges together (although it is recognized that many systems cannot make that link). Thus, ArrestCharge (01) of Robbery may show up in the Prosecutor segment as ProsecutorCharge (01) Burglary, and in the Court segment as CourtCharge (01) Trespassing conviction.
Court Final Disposition Date (<nc:ActivityDate>):

NIEM: A date of an activity.
This element contains the date of the court findings, the date on which all case charges have been adjudicated. The format for the date is CCYY[-MM[-DD]]. (EFTS 2.045)
Example:
<nc:ActivityDate>
  <nc:Date>1998-05-30</nc:Date>
</nc:ActivityDate>

Court Comments (<nc:ActivityDescriptionText>):

NIEM: A description of an activity.
This element contains information supplemental or ancillary to the other data specified in the Court segment.
Example:
<nc:ActivityDescriptionText>
  Jury trial waived.
</nc:ActivityDescriptionText>

Court Case Number (<rap:CourtRecordIdentification>):
This element contains the case number assigned by the court. This element is also called the Originating Case Agency number (OCA).
Example:
<rap:CourtRecordIdentification>
  <nc:IdentificationID>1998AF002356</nc:IdentificationID>
</rap:CourtRecordIdentification>

Defendant (<rap:CourtActionSubject>):
This group element contains the name and local identifier for the court defendant.

  Subject Name (<rap:SubjectFullName>):
  This element should include all names for the record subject, including “also known as” (AKA) alias names.

  Court Person Identification Number (<j:SubjectIdentification>):
  NIEM: An assigned number or string that identifies a subject.
  This element contains a unique identification number assigned to a defendant by the court, much like the SID number assigned at the state level or the FNU assigned at the federal level.
Example:
<rap:CourtActionSubject>
  <j:SubjectIdentification>
    <nc:IdentificationID>48204396</nc:IdentificationID>
  </j:SubjectIdentification>
</rap:CourtActionSubject>
<rap:SubjectFullName>
Mitch Doherty
</rap:SubjectFullName>
<rap:SubjectFullName>
Michael Doherty
</rap:SubjectFullName>

Court Charge (<j:CourtCharge>):
NIEM: A charge a person is tried for in court.
At least one Court Charge element must be included in the Court segment.

Charge Number (<j:Chargeldentification>):
NIEM: A unique identifying number assigned to a particular charge by an arresting agency, prosecuting attorney, or a court for case management purposes.

This element contains a unique identifying number assigned to the particular charge for case management purposes.

Example:
<j:Chargeldentification>
<nc:IdentificationID>94D002356</nc:IdentificationID>
</j:Chargeldentification>

Charge Literal (<j:ChargeText>):
NIEM: The text of a charge.

This element contains text describing the charge.

Example:
<j:ChargeText>Robbery</j:ChargeText>

Charge Sequence Number (<j:ChargeSequenceID>):
NIEM: A sequentially assigned number for charge tracking purposes.

This element contains a sequentially assigned number for charge tracking purposes (for example, the first charge under the arrest might be assigned Charge Sequence Number 1, the second 2, and so forth).

Example:
<j:ChargeSequenceID>
<nc:IdentificationID>01</nc:IdentificationID>
</j:ChargeSequenceID>

Charge Tracking Number (<j:ChargeTrackingIdentification>):
NIEM: A unique identifying number assigned to an entire set of charges for an arrest. Different numbers may appear in the set if cases have been consolidated.

This element contains a unique identifying number assigned to the entire set of charges for this arrest/cycle. Different numbers may appear in the set if cases have been consolidated.
Example:
<j:ChargeTrackingIdentification>
  <nc:IdentificationID>AD486</nc:IdentificationID>
</j:ChargeTrackingIdentification>

**Charge Comments (<j:ChargeDescriptionText>):**

NIEM: A plain language description of the charge.

Use this element to report information supplemental or ancillary to the other data specified in the Arrest Charge element.

Example:
<j:ChargeDescriptionText>
  Referred for clinical evaluation
</j:ChargeDescriptionText>

**Inchoate Charge (<j:ChargeApplicabilityText>):**

NIEM: A degree of involvement a person is being charged with committing in an offense.

This optional element may be used to report charges that describe the subject’s involvement in the offense. The following are valid values to be entered in this element: Solicitation; Conspiracy; Attempt; Accomplice.

Example:
<j:ChargeApplicabilityText>
  Attempt
</j:ChargeApplicabilityText>

**Charge Reducing Factor (<j:ChargeReducingFactorText>):**

NIEM: A factor which may make a charge less serious or limit the penalty.

This element may be used to report factors that make the charge less serious.

Example:
<j:ChargeReducingFactorText>
  First offense
</j:ChargeReducingFactorText>

**Charge Enhancing Factor (<j:ChargeSpecialAllegationText>):**

NIEM: A factor that has enhanced a charge, making it a more serious offense.

This element may be used to report factors that make the charge more serious.

Example:
<j:ChargeSpecialAllegationText>
  Elderly victim
</j:ChargeSpecialAllegationText>
**Charge Severity (<j:ChargeSeverityText>):**

**NIEM:** A level of severity of a charge.

This element contains the charge severity. The following are valid values to be entered in this element: Felony; Misdemeanor; Local Ordinance; Other; Unknown.

Example:

<j:ChargeSeverityText>Felony</j:ChargeSeverityText>

**Counts (<j:ChargeCountQuantity>):**

**NIEM:** A number of times a person is charged with committing the same crime.

This is an optional, numeric element minimum length one character, maximum length three characters. This element can be used to show that the subject was charged multiple times for the same crime.

Example:

<j:ChargeCountQuantity>4</j:ChargeCountQuantity>

**Court Action Literal (<j:ChargeDisposition>):**

**NIEM:** Details about the results or processing of a charge.

This element is optional, but expected. The primary purpose for reporting charges under the Court segment is to report a charge disposition.

This element must contain a value for the <j:ChargeDispositionOtherText> element most closely associated with the disposition from the following table:

<table>
<thead>
<tr>
<th>Disposition Type</th>
<th>Disposition Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acquitted</td>
<td>Deferred</td>
</tr>
<tr>
<td>Convicted</td>
<td>Failure To Appear</td>
</tr>
<tr>
<td>Revocation</td>
<td>Dismissed</td>
</tr>
<tr>
<td>Charges Dropped</td>
<td>Not Prosecuted</td>
</tr>
<tr>
<td>Other</td>
<td>Unknown</td>
</tr>
</tbody>
</table>

**Disposition Date (<nc:DispositionDate>):**

**NIEM:** A date a disposition occurred.

This element is optional, and if available, reports the date on which the action was taken. The format for the date is CCYY[-MM[-DD]].

**Disposition (<nc:DispositionDescriptionText>):**
**NIEM:** A description of a disposition.

This element contains a free-text description of law enforcement agency action, such as custody only, turned over to another agency, not referred for prosecution, or referred for prosecution.

Example:
```xml
<j:ChargeDisposition>
  <nc:DispositionDate>
    <nc:Date>1996-07-07</nc:Date>
  </nc:DispositionDate>
  <nc:DispositionDescriptionText>
    Case closed without referral for prosecution.
  </nc:DispositionDescriptionText>
  <j:ChargeDispositionOtherText>
    Charges Dropped
  </j:ChargeDispositionOtherText>
</j:ChargeDisposition>
```

**Charge NCIC Code (<j:ChargeNCICCode>):**

**NIEM:** An offense within the National Crime Information Center (NCIC) system.

This element contains the NCIC offense code. NCIC offense codes are listed in the NCIC 2000 Code Manual.

Example:
```xml
<j:ChargeNCICCode>8312</j:ChargeNCICCode>
```

**State or Local Offense Information (<j:ChargeStatute>):**

**NIEM:** A unique identifier of a law, rule, or ordinance within a jurisdiction that a person is accused of violating.

**Statute Number (<j:StatuteCodeIdentification>):**

**NIEM:** An identifier of a set of laws for a particular jurisdiction.

This element contains the statute number.

*Note:* Implementers are advised to avoid use of the "§" subsection character.

**State Offense Code (<j:StatuteOffenseIdentification>):**

**NIEM:** An identification of a criminal offense within a code book.

This element contains the offense code from the state.

**Charge State (<j:StatuteJurisdiction>):**

**NIEM:** Details about an area in which a statute applies.
Use the `<nc:LocationStateName>` subelement to report the 2-character state abbreviation.

Example:
```xml
<j:ChargeStatute>
  <j:StatuteCodeIdentification>
    <nc:IdentificationID>
      943.2(e)10
    </nc:IdentificationID>
  </j:StatuteCodeIdentification>
  <j:StatuteJurisdiction>
    <nc:LocationStateName>
      WI
    </nc:LocationStateName>
  </j:StatuteJurisdiction>
  <j:StatuteOffenseIdentification>
    <nc:IdentificationID>
      20836
    </nc:IdentificationID>
  </j:StatuteOffenseIdentification>
</j:ChargeStatute>
```

**Court `<rap:Court>`:**

This element contains information about the court responsible for the final disposition on charges in the Court segment. One or both of the subelements `<nc:OrganizationName>` or `<j:OrganizationORIIdentification>` must be present.

The `<rap:CourtAction>` and `<rap:Court>` objects are linked together via a `<rap:CourtActionCourtAssociation>`.

Example:
```xml
<rap:Court>
  <nc:OrganizationName>
    Portage County Circuit Court
  </nc:OrganizationName>
  <j:OrganizationAugmentation>
    <j:OrganizationORIIdentification>
      <nc:IdentificationID>WI014400Y</nc:IdentificationID>
    </j:OrganizationORIIdentification>
  </j:OrganizationAugmentation>
</rap:Court>
```

**Sentencing segment `<rap:Sentencing>`:**

This element contains the details of the sentence imposed by a court for conviction on charges in this cycle.
Sentencing Date (<nc:ActivityDate>):

NIEM: A date of an activity.
This element contains the date of the court sentence. The format for the date is CCYY-MM-DD]. (EFTS 2.045)
Example:
<nc:ActivityDate>
  <nc:Date>1998-05-30</nc:Date>
</nc:ActivityDate>

Sentence Comments (<nc:ActivityDescriptionText>):

NIEM: A description of an activity.
This element contains information supplemental or ancillary to the other data specified in the Sentencing segment. Comments may include a description of the sentence being imposed, e.g., probation, incarceration, public service.
Example:
<nc:ActivityDescriptionText>
  Psychiatric evaluation ordered
</nc:ActivityDescriptionText>

Court Case Number (<rap:SentencingCourtRecordIdentification>):

This element contains the case number assigned by the court. This element is also called the Originating Case Agency number (OCA).
Example:
<rap:SentencingCourtRecordIdentification>
  <nc:IdentificationID>1998AF002356</nc:IdentificationID>
</rap:SentencingCourtRecordIdentification>

Sentence (<j:Sentence>):

NIEM: Details about a punishment resulting from conviction of charges in a court case.

Convicted Offense (<j:SentenceCharge>):

NIEM: A specific charge in a court case resulting in a sentence.
The details of the charge(s) may optionally be reported here.

Charge Number (<j:ChargeIdentification>):

NIEM: A unique identifying number assigned to a particular charge by an arresting agency, prosecuting attorney, or a court for case management purposes.
This element contains a unique identifying number assigned to the particular charge for case management purposes.
Example:
<j:ChargeIdentification>
  <nc:IdentificationID>94D002356</nc:IdentificationID>
</j:ChargeIdentification>

Charge Literal (<j:ChargeText>):
NIEM: The text of a charge.
This element contains text describing the charge.
Example:
<j:ChargeText>Robbery</j:ChargeText>

Charge Sequence Number (<j:ChargeSequenceID>):
NIEM: A sequentially assigned number for charge tracking purposes.
This element contains a sequentially assigned number for charge tracking purposes (for example, the first charge under the arrest might be assigned Charge Sequence Number 1, the second 2, and so forth).
Example:
<j:ChargeSequenceID>
<nc:IdentificationID>01</nc:IdentificationID>
</j:ChargeSequenceID>

Charge Tracking Number (<j:ChargeTrackingIdentification>):
NIEM: A unique identifying number assigned to an entire set of charges for an arrest. Different numbers may appear in the set if cases have been consolidated.
This element contains a unique identifying number assigned to the entire set of charges for this arrest/cycle. Different numbers may appear in the set if cases have been consolidated.
Example:
<j:ChargeTrackingIdentification>
<nc:IdentificationID>AD486</nc:IdentificationID>
</j:ChargeTrackingIdentification>

Sentence Detail (<j:SentenceDescriptionText>):
NIEM: A description of the sentence being imposed.
This element contains a literal explanation of the court sentence including time and dollar amounts. Multiple <j:SentenceDescriptionText> elements may be used.
Example:
<j:SentenceDescriptionText>
3Y Prison
</j:SentenceDescriptionText>
<j:SentenceDescriptionText>
$500 fine and costs
</j:SentenceDescriptionText>

Court (<rap:Court>):
This element contains information about the court responsible for the sentencing. One or both of the subelements <nc:OrganizationName> or <j:OrganizationORIIdentification> must be present. The rap:Sentencing and rap:Court objects are linked together via a rap:SentencingCourtAssociation.
Example:
<rap:Court>
  <nc:OrganizationName>
    Portage County Circuit Court
  </nc:OrganizationName>
  <j:OrganizationAugmentation>
    <j:OrganizationORIIdentification>
      <nc:IdentificationID>WI014400Y</nc:IdentificationID>
    </j:OrganizationORIIdentification>
  </j:OrganizationAugmentation>
</rap:Court>

**Supervision Segment (<rap:Supervision>):**
This element contains the details of custody events involving the rapsheet subject. Sometimes a Supervision segment will be included in a cycle that also contains Arrest and Court segments. It is possible, however, for a Supervision segment to be the only segment in a cycle.

**Supervision Date (<nc:ActivityDate>):**
NIEM: A date of an activity.
This element contains the date the subject was admitted for supervision or custody. The format for the date is CCYY[-MM[-DD]]. (EFTS 2.045)
Example:
<nc:ActivityDate>
  <nc:Date>1998-05-30</nc:Date>
</nc:ActivityDate>

**Supervision Comments (<nc:ActivityDescriptionText>):**
NIEM: A description of an activity.
This element contains information supplemental or ancillary to the other data specified in the Supervision segment.
Example:
<nc:ActivityDescriptionText>
  Probation revoked.
</nc:ActivityDescriptionText>

**Corrections or Jail Case Number (<rap:SupervisionAgencyRecordIdentification>):**
This element contains the case number assigned by the jail, prison, probation officer, or the like. This element is also called the Originating Case Agency number (OCA).
Example:
<rap:SupervisionAgencyRecordIdentification>
  <nc:IdentificationID>1998AF002356</nc:IdentificationID>
</rap:SupervisionAgencyRecordIdentification>
Court Case Number (<rap:SupervisionCourtRecordIdentification>):
This element contains the case number assigned by the court. This element is also called the Originating Case Agency number (OCA).
Example:
<rap:SupervisionCourtRecordIdentification>
<nc:IdentificationID>1998AF002356</nc:IdentificationID>
</rap:SupervisionCourtRecordIdentification>

Subject Under Supervision (<rap:SupervisionSubject>):
This group element contains the name and local identifier for the person in custody or under supervision.

Subject Name (<rap:SubjectFullName>):
This element should include all names for the record subject, including “also known as” (AKA) alias names.
Example:
<rap:SubjectFullName>
Mitch Doherty
</rap:SubjectFullName>
<rap:SubjectFullName>
Michael Doherty
</rap:SubjectFullName>

Corrections Identification Number (<j:SubjectIdentification>):
NIEM: An assigned number or string that identifies a subject.
The element contains a correctional subject’s identification number for a given state. The NCIC state two-letter code must be specified in the IDIssuingAuthorityText attribute. The type attribute is required. This number is often like the SID number assigned at the state identification bureau or the FNU assigned at the federal level.
Example:
<j:SubjectIdentification>
<nc:IdentificationID>48204395</nc:IdentificationID>
</j:SubjectIdentification>

Supervision Charge (<rap:SupervisionCharge>):
This optional group section can be used to report charges associated with a subject’s correctional supervision within this cycle. Usually, supervision charges will be identical to the court charges with a disposition of convicted. If the <rap:CourtAction> segment is included in this cycle and contains those charges and dispositions, it is not necessary to repeat them here. This section exists primarily for cycles that only contain a <rap:Supervision> segment.
**Charge Number (<j:ChargeIdentification>):**

**NIEM:** A unique identifying number assigned to a particular charge by an arresting agency, prosecuting attorney, or a court for case management purposes. This element contains a unique identifying number assigned to the particular charge for case management purposes.

Example:

```xml
<j:ChargeIdentification>
  <nc:IdentificationID>94D002356</nc:IdentificationID>
</j:ChargeIdentification>
```

**Charge Literal (<j:ChargeText>):**

**NIEM:** The text of a charge.

This element contains text describing the charge.

Example:

```xml
<j:ChargeText>Robbery</j:ChargeText>
```

**Charge Sequence Number (<j:ChargeSequenceID>):**

**NIEM:** A sequentially assigned number for charge tracking purposes.

This element contains a sequentially assigned number for charge tracking purposes (for example, the first charge under the arrest might be assigned Charge Sequence Number 1, the second 2, and so forth).

Example:

```xml
<j:ChargeSequenceID>
  <nc:IdentificationID>01</nc:IdentificationID>
</j:ChargeSequenceID>
```

**Charge Tracking Number (<j:ChargeTrackingIdentification>):**

**NIEM:** A unique identifying number assigned to an entire set of charges for an arrest. Different numbers may appear in the set if cases have been consolidated.

This element contains a unique identifying number assigned to the entire set of charges for this arrest/cycle. Different numbers may appear in the set if cases have been consolidated.

Example:

```xml
<j:ChargeTrackingIdentification>
  <nc:IdentificationID>AD486</nc:IdentificationID>
</j:ChargeTrackingIdentification>
```

**Charge Comments (<j:ChargeDescriptionText>):**

**NIEM:** A plain language description of the charge.

Use this element to report information supplemental or ancillary to the other data specified in the Arrest Charge element.
Example:

<j:ChargeDescriptionText>
   Referred for clinical evaluation
</j:ChargeDescriptionText>

**Inchoate Charge (<j:ChargeApplicabilityText>):**

**NIEM:** A degree of involvement a person is being charged with committing in an offense.

This optional element may be used to report charges that describe the subject’s involvement in the offense. The following are valid values to be entered in this element: Solicitation; Conspiracy; Attempt; Accomplice.

Example:

<j:ChargeApplicabilityText>
   Attempt
</j:ChargeApplicabilityText>

**Charge Reducing Factor (<j:ChargeReducingFactorText>):**

**NIEM:** A factor which may make a charge less serious or limit the penalty.

This element may be used to report factors that make the charge less serious.

Example:

<j:ChargeReducingFactorText>
   First offense
</j:ChargeReducingFactorText>

**Charge Enhancing Factor (<j:ChargeSpecialAllegationText>):**

**NIEM:** A factor that has enhanced a charge, making it a more serious offense.

This element may be used to report factors that make the charge more serious.

Example:

<j:ChargeSpecialAllegationText>
   Elderly victim
</j:ChargeSpecialAllegationText>

**Charge Severity (<j:ChargeSeverityText>):**

**NIEM:** A level of severity of a charge.

This element contains the charge severity. The following are valid values to be entered in this element: Felony; Misdemeanor; Local Ordinance; Other; Unknown.

Example:

<j:ChargeSeverityText>Felony</j:ChargeSeverityText>
Counts (<j:ChargeCountQuantity>):

NIEM: A number of times a person is charged with committing the same crime.

This is an optional, numeric element minimum length one character, maximum length three characters. This element can be used to show that the subject was charged multiple times for the same crime.

Example:
<j:ChargeCountQuantity>4</j:ChargeCountQuantity>

Supervision Action Literal (<j:ChargeDisposition>):

NIEM: Details about the results or processing of a charge.

This element is optional, and exists primarily for cycles that contain only a <rap:Supervision> segment. If this is the case, then this element should be used to report a final disposition for the cycle.

This element must contain a value for the <j:ChargeDispositionOtherText> element most closely associated with the disposition from the following table:

<table>
<thead>
<tr>
<th>Disposition Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acquitted</td>
</tr>
<tr>
<td>Convicted</td>
</tr>
<tr>
<td>Revocation</td>
</tr>
<tr>
<td>Charges Dropped</td>
</tr>
<tr>
<td>Other</td>
</tr>
<tr>
<td>Deferred</td>
</tr>
<tr>
<td>Failure To Appear</td>
</tr>
<tr>
<td>Dismissed</td>
</tr>
<tr>
<td>Not Prosecuted</td>
</tr>
<tr>
<td>Unknown</td>
</tr>
</tbody>
</table>

Disposition Date (<nc:DispositionDate>):

NIEM: A date a disposition occurred.

This element is optional, and if available, reports the date on which the action was taken. The format for the date is CCYY[-MM[-DD]].

Disposition (<nc:DispositionDescriptionText>):

NIEM: A description of a disposition.

This element contains a free-text description of law enforcement agency action, such as custody only, turned over to another agency, not referred for prosecution, or referred for prosecution.

Example:
<j:ChargeDisposition>
<nc:DispositionDate>
<nc:Date>1996-07-07</nc:Date></nc:DispositionDate></j:ChargeDisposition>
Case closed without referral for prosecution.

Charges Dropped

**Charge NCIC Code (<j:ChargeNCICCode>):**

NIEM: An offense within the National Crime Information Center (NCIC) system.

This element contains the NCIC offense code. NCIC offense codes are listed in the NCIC 2000 Code Manual.

Example:

<j:ChargeNCICCode>8312</j:ChargeNCICCode>

**State or Local Offense Information (<j:ChargeStatute>):**

NIEM: A unique identifier of a law, rule, or ordinance within a jurisdiction that a person is accused of violating.

**Statute Number (<j:StatuteCodeIdentification>):**

NIEM: An identifier of a set of laws for a particular jurisdiction.

This element contains the statute number.

*Note: Implementers are advised to avoid use of the "§" subsection character.*

**State Offense Code (<j:StatuteOffenseIdentification>):**

NIEM: An identification of a criminal offense within a code book.

This element contains the offense code from the state.

**Charge State (<j:StatuteJurisdiction>):**

NIEM: Details about an area in which a statute applies.

Use the <nc:LocationStateName> subelement to report the 2-character state abbreviation.

Example:

<j:ChargeStatute>
  <j:StatuteCodeIdentification>
    <nc:IdentificationID>
      943.2(e)10
    </nc:IdentificationID>
  </j:StatuteCodeIdentification>
</j:ChargeStatute>
Supervision Agency (<rap:Agency>):
This element contains information about the correctional facility, jail, probation or parole agency responsible for the supervising the subject. One or both of the subelements <nc:OrganizationName> or <j:OrganizationORIIdentification> must be present. The rap:Supervision and rap:Agency objects are linked together via a rap:SupervisionAgencyAssociation.
Example:
<rap:Agency>
  <nc:OrganizationName>
    Portage County Jail
  </nc:OrganizationName>
  <j:OrganizationAugmentation>
    <j:OrganizationORIIdentification>
      <nc:IdentificationID>WI014400Y</nc:IdentificationID>
    </j:OrganizationORIIdentification>
  </j:OrganizationAugmentation>
</rap:Agency>

Action Literal (<nc:SupervisionCustodyStatus>):
NIEM: A status of the custody of a person under supervision.
This element contains a description of the corrections action (such as, receipt, release, transfer, escape, etc.).
Example:
<nc:SupervisionCustodyStatus>
  <nc:StatusDescriptionText>
    incarcerated
  </nc:StatusDescriptionText>
</nc:SupervisionCustodyStatus>

Supervision Release Date (<nc:SupervisionRelease>):
NIEM: A complete and unrestricted release of a subject from a supervision.
Use the <nc:ActivityDate> subelement to report the actual or planned date on which this person will be or has been released. The format for the date is CCYY[-MM[-DD]].

Example:
<nc:SupervisionRelease>
<nc:ActivityDate>
  <nc:Date>1998-06-30</nc:Date>
</nc:ActivityDate>
</nc:SupervisionRelease>

3.4 Agency Index (<rap:Agency>)

The Index element contains Name, ORI, and contact information for an Agency identified in the rap sheet file. This element can repeat as many times as necessary.

Agency (<rap:Agency>):

This element contains information about an agency itemized in this index. If the <nc:OrganizationName> element is not transmitted, then the <j:OrganizationORIID> element is mandatory. It is expected, however, that this section of the rapsheet would contain current, detailed information about all of the agencies referenced elsewhere. It is understood that systems generating rapsheet data may have to obtain current agency information from a source other than the criminal history record system.

Agency Name (<nc:OrganizationName>):

NIEM: A name of an organization.

The entry of an ORI number in the <j:OrganizationORIID> element is preferred over the entry of the agency name or any other optional field; however, in the situation that an ORI is not available for entry, the agency name is mandatory.

Example:
<nc:OrganizationName>
  Lodi Police Department
</nc:OrganizationName>

Agency ORI (<j:OrganizationORIID>):

NIEM: A unique identifier assigned to a justice-related organization by the federal government.

An ORI is a nine-character “ORiginating agency Identifier” assigned to an agency by the FBI. The <j:OrganizationORIID> is enclosed within a <j:OrganizationAugmentation> element

Example:
<j:OrganizationAugmentation>
  <j:OrganizationORIID>
    <nc:IdentificationID>WI0111000</nc:IdentificationID>
  </j:OrganizationORIID>
</j:OrganizationAugmentation>
Agency Address (<nc:OrganizationLocation>):
NIEM: A location of an organization.

Report the address of the agency.

Address (<nc:LocationAddress>):
NIEM: A geophysical location described by postal information.

Address Text (<nc:AddressFullText>):
NIEM: A complete address.

This element may be used when the address components cannot be broken down into the NIEM components. This element simply contains an unformatted text string containing the location’s address.

Structured Address (<nc:StructuredAddress>)
NIEM: An address.

When address components can be broken into separate components, they are contained within this container.

Street information (<nc:LocationStreet>)
NIEM: A road, thoroughfare or highway.

Only one location street element is allowed.

Street information (<nc:StreetFullText>):
NIEM: A complete reference for a street.

This element would contain an entire address line, like 1565 N. Park Place. This element may be repeated if necessary, up to three times, to allow for multiple address lines.

Apartment or Suite information (<nc:AddressSecondaryUnitText>):
NIEM: A particular unit within a larger unit or grouping at a location.

This element holds an optional apartment or a suite number for this location.

Post Office Box information (<nc:AddressDeliveryPointText>):
NIEM: A single place or unit at which mail is delivered.

This element holds an optional post office box number for this location.

City (<nc:LocationCityName>):
NIEM: A name of a city or town.

This element contains the city for this location.

County (<nc:LocationCountyName>):
NIEM: A county, parish, vicinage, or other such geopolitical subdivision of a state.
This element contains the county for this location.

**State (nc:LocationStateName):**

NIEM: A state, commonwealth, province, or other such geopolitical subdivision of a country.

This element contains the name of the state.

**Zip code (nc:LocationPostalCode):**

NIEM: An identifier of a post office-assigned zone for an address

This element contains the 5 or 9 digit zipcode or foreign postal code for this location.

**Country (nc:LocationCountryName):**

NIEM: A country, territory, dependency, or other such geopolitical subdivision of a location.

This element contains the country for this location.

**Agency Contact (nc:LocationContactInformation):**

NIEM: Contact information for a location.

This element contains contact information.

**Contact Person**

(nc:ContactInformationDescriptionText):

NIEM: A description of the methods available to contact a person or organization.

This element contains the name or title of a contact person.

**Voice Phone (nc:ContactTelephoneNumber):**

NIEM: A telephone number for a telecommunication device by which a person or organization may be contacted.

**Number**

(nc:FullTelephoneNumber/nc:TelephoneNumberFullID):

NIEM: A full telephone number.

**Fax (nc:ContactFaxNumber):**

NIEM: A telephone number for a facsimile device by which a person or organization may be contacted.

**Number**

(nc:FullTelephoneNumber/nc:TelephoneNumberFullID):

NIEM: A full telephone number.

This element contains the full fax phone number.

**Email (nc:ContactEmailID):**
**NIEM:** An electronic mailing address by which a person or organization may be contacted.

Example:

```xml
<nc:OrganizationLocation>
  <nc:LocationAddress>
    <nc:StructuredAddress>
      <nc:LocationStreet>
        <nc:StreetFullText>
          1565 N Park Place
        </nc:StreetFullText>
      </nc:LocationStreet>
      <nc:LocationCityName>
        Hamilton
      </nc:LocationCityName>
      <nc:LocationStateName>
        NJ
      </nc:LocationStateName>
      <nc:LocationPostalCode>
        08610
      </nc:LocationPostalCode>
    </nc:StructuredAddress>
  </nc:LocationAddress>

  <nc:LocationContactInformation>
    <nc:ContactEmailID>
      george@lodiPD.gov
    </nc:ContactEmailID>
    <nc:ContactTelephoneNumber>
      <nc:FullTelephoneNumber>
        4859304869
      </nc:FullTelephoneNumber>
    </nc:ContactTelephoneNumber>
    <nc:ContactFacsimileNumber>
      <nc:FullTelephoneNumber>
        4859304870
      </nc:FullTelephoneNumber>
    </nc:ContactFacsimileNumber>
    <nc:ContactInformationDescriptionText>
      George
    </nc:ContactInformationDescriptionText>
  </nc:LocationContactInformation>
</nc:OrganizationLocation>
```

**Agency Abbreviation (<nc:OrganizationAbbreviationText>):**

**NIEM:** An abbreviation, acronym, or code for an organization name.
Use this element to report agency name abbreviations or acronyms.

Example:
<nc:OrganizationAbbreviationText>
  LOPD
</nc:OrganizationAbbreviationText>

**Agency Unit (<nc:OrganizationSubUnitName>):**

**NIEM:** A division of an organization.

Use this element to report a particular agency unit or department to contact.

Example:
<nc:OrganizationSubUnitName>
  Records
</nc:OrganizationSubUnitName>
4.0 Rap Sheet Definition

This section contains the full rap sheet definition. Section 4.1 illustrates the structure in an informal graphical model which illustrates the associations among the rap sheet components. Section 4.2 provides the structure in a tabular layout, illustrating the hierarchical organization of the components, cardinality, and attributes. Section 4.3 provides a formal XML Schema definition of the root `<rap:Rapsheet>` element and all its child elements.

4.1 Graphical Model
### 4.2 Detailed Structure

The element hierarchy is defined along with information regarding whether the field is mandatory and maximum number of occurrences permitted.

<table>
<thead>
<tr>
<th>Element Names</th>
<th>Min</th>
<th>Max</th>
<th>Attributes</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>rap:RapSheet</td>
<td>1</td>
<td>1</td>
<td>s:metadata</td>
<td>ReportedDate and Version are contained in a Metadata object to which this element points.</td>
</tr>
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<td>s:id</td>
<td>Various elements point to the appropriate Metadata objects.</td>
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<td>1</td>
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<td>1</td>
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<td>Element Names</td>
<td>Min</td>
<td>Max</td>
<td>Attributes</td>
<td>Notes</td>
</tr>
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<td>-----</td>
<td>---------------------------------</td>
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</tr>
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s:metadata ReportingOrganization contained in Metadata object.

s:metadata ReportingOrganization, ReportedData, and CommentText contained in Metadata object.

s:metadata ReportingOrganization, CommentText contained in Metadata object.

s:metadata ReportedDate, ReportingOrganization in Metadata object.

s:metadata ReportedDate, ReportingOrganization in Metadata object.

s:metadata Points to the rap:RapSheetPerson object.
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</tr>
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<td></td>
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<td>s:metadata CommentText in Metadata object.</td>
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<td>Element Names</td>
<td>Min</td>
<td>Max</td>
<td>Attributes</td>
<td>Notes</td>
</tr>
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<td>---------------------------------------</td>
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</tr>
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</tr>
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</tr>
</tbody>
</table>
4.3 XML Schemas

An exchange schema imports, re-uses, and organizes the components from the NIEM for the particular exchange. An optional extension schema may be used to add extended types and properties for components not contained in the NIEM, but which are needed for the exchange.

The JTF Interstate Criminal History Transmission Specification Version 4.0 provides an extension schema for XML rap sheet exchange, `rapsheet.xsd`, provided below. This exchange schema imports additional schemas, including structures.xsd, ansi-nist.xsd, niem-core.xsd, jxdm.xsd, rap-code.xsd, etc., all of which are provided in the complete schema package, as a supplemental artifact to this specification. The rapsheet exchange schema also defines the cardinality, or in other words, whether or not the field is mandatory and maximum number of occurrences permitted.

```xml
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  <xs:annotation>
    <xs:documentation />
    <xs:appinfo/>
  </xs:annotation>
  <xs:import schemaLocation="http://nlets.org/niem/proxy/xsd/2.0/xsd.xsd" namespace="http://nlets.org/niem/proxy/xsd/2.0"/>
  <xs:import schemaLocation="http://nlets.org/niem2/rapsheet/1.0/codes" namespace="http://nlets.org/niem2/rapsheet/1.0"/>
</xs:complexType>
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<xsd:annotation/>
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- <xsd:sequence>
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</xsd:sequence>
</xsd:extension>
</xsd:complexType>
- <xsd:complexType name="BiometricsType">
- <xsd:annotation/>
- <xsd:documentation/>
- <xsd:appinfo>
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</xsd:appinfo>
- <xsd:complexType>
- <xsd:extension base="s:ComplexObjectType">
- <xsd:sequence>
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  <xsd:element ref="rap:PersonDNA" minOccurs="0" maxOccurs="unbounded" />
  <xsd:element ref="rap:PersonFingerprintSet" minOccurs="0" maxOccurs="unbounded" />
  <xsd:element ref="j:PersonPalmPrint" minOccurs="0" maxOccurs="unbounded" />
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</xsd:extension>
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- <xsd:annotation/>
- <xsd:documentation/>
- <xsd:appinfo>
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- <xsd:sequence>
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</xsd:extension>
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<xsd:sequence>
  <xsd:extension>
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        <xsd:documentation/>
      </xsd:annotation>
      <xsd:appinfo>
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      </xsd:appinfo>
    </xsd:complexType>
  </xsd:extension>
  <xsd:complexType name="CourtType">
    <xsd:annotation/>
    <xsd:appinfo>
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    </xsd:appinfo>
  </xsd:complexType>
  <xsd:complexType name="CourtActionType">
    <xsd:annotation/>
    <xsd:appinfo>
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    </xsd:appinfo>
  </xsd:complexType>
</xsd:sequence>
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  <xsd:annotation>
    <xsd:documentation />
    <xsd:appinfo>
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  </xsd:annotation>
</xsd:complexType>

- <xsd:complexContent>
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    <xsd:element ref="CourtRecordIdentification" minOccurs="0" maxOccurs="1" />
    <xsd:element ref="CourtActionSubject" minOccurs="0" maxOccurs="1" />
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</xsd:extension>
</xsd:complexContent>

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    <xsd:appinfo>
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</xsd:complexType>

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</xsd:extension>
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    </xsd:appinfo>
  </xsd:annotation>
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    </xsd:extension>
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    </xsd:extension>
  </xsd:complexContent>
</xsd:complexType>

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    <xsd:documentation/>
    <xsd:appinfo>
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      </xsd:extension>
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  </xsd:complexType>
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- <xsd:extension base="s:ComplexObjectType">
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    <xsd:element ref="rap:ControlData" minOccurs="0" maxOccurs="unbounded" />
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      `<xsd:annotation>
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        - `<xsd:documentation />
        - `<xsd:appinfo>
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            `<xsd:annotation>
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              - `<xsd:documentation />
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    </xsd:appinfo>
    <xsd:annotation />
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      - <xsd:element ref="rap:CycleTrackingIdentificationID" minOccurs="0" maxOccurs="unbounded" />
      - <xsd:element ref="rap:Incident" minOccurs="0" maxOccurs="unbounded" />
      - <xsd:element ref="rap:Arrest" minOccurs="0" maxOccurs="unbounded" />
      - <xsd:element ref="rap:Booking" minOccurs="0" maxOccurs="unbounded" />
      - <xsd:element ref="rap:Prosecution" minOccurs="0" maxOccurs="unbounded" />
      - <xsd:element ref="rap:Sentencing" minOccurs="0" maxOccurs="unbounded" />
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    <xsd:appinfo>
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    </xsd:appinfo>
    <xsd:complexContent>
      <xsd:extension base="s:ComplexObjectType">
        <xsd:sequence>
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          <xsd:element ref="rap:Attention" minOccurs="1" maxOccurs="1" />
          <xsd:element ref="nc:DriverLicenseIdentification" minOccurs="0" maxOccurs="unbounded" />
          <xsd:element ref="rap:RapSheetPerson" minOccurs="1" maxOccurs="1" />
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    </xsd:complexContent>
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- <xsd:complexType name="SegmentSubjectType">
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  </xsd:appinfo>
  <xsd:complexContent>
    <xsd:extension base="j:SubjectType">
      <xsd:sequence>
        <xsd:element ref="rap:SubjectFullName" minOccurs="0" maxOccurs="unbounded" />
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    </xsd:extension>
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- <xsd:complexType name="SentencingType">
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  <xsd:complexContent>
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- <xsd:complexType>
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    - <xsd:element name="ArrestSubject" type="rap:SegmentSubjectType"/>
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    - <xsd:element name="BookingAgencyAssociation" type="nc:ActivityOrganizationAssociationType"/>
    - <xsd:element name="BookingSubject" type="rap:SegmentSubjectType"/>
    - <xsd:element name="Caveat" type="rap:CaveatType"/>
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    - <xsd:element name="CourtAction" type="rap:CourtActionType"/>
    - <xsd:element name="CourtActionCourtAssociation" type="j:ActivityCourtAssociationType"/>
    - <xsd:element name="CourtActionSubject" type="rap:SegmentSubjectType"/>
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    - <xsd:element name="CycleTrackingIdentificationID" type="niem-xsd:string"/>
    - <xsd:element substitutionGroups="nc:EntityRepresentation" name="EntityOrganization" type="rap:OrganizationType"/>
    - <xsd:element name="Fingerprint" type="rap:FingerprintType"/>
    - <xsd:element name="Incident" type="rap:IncidentType"/>
    - <xsd:element name="IncidentSubject" type="rap:SegmentSubjectType"/>
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<xsd:element substitutionGroup="nc:PersonRace" name="PersonRaceText" type="rap-code:RaceType"/>
<xsd:element substitutionGroup="nc:PersonSex" name="PersonSexText" type="rap-code:SexType"/>
<xsd:element substitutionGroup="nc:PersonSkinTone" name="PersonSkinToneText" type="rap-code:SkinToneType"/>
<xsd:element name="Prosecution" type="rap:ProsecutionType"/>
<xsd:element name="ProsecutionAgencyAssociation" type="rap:ProsecutionAgencyAssociationType"/>
<xsd:element name="ProsecutionAgencyRecordIdentification" type="nc:IdentificationType"/>
<xsd:element name="ProsecutionReference" type="s:ReferenceType"/>
<xsd:element name="ProsecutionSubject" type="rap:SegmentSubjectType"/>
<xsd:element name="PurposeCode" type="rap-code:PurposeCodeType"/>
<xsd:element name="RapSheetCycle" type="rap:RapSheetCycleType"/>
<xsd:element name="RapSheetPerson" type="rap:PersonType"/>
<xsd:element name="RapSheetRequest" type="rap:RapSheetRequestType"/>
<xsd:element name="Sentencing" type="rap:SentencingType"/>
<xsd:element name="SentencingCourtAssociation" type="j:ActivityCourtAssociationType"/>
<xsd:element name="SentencingCourtRecordIdentification" type="nc:IdentificationType"/>
<xsd:element name="SentencingSubject" type="rap:SegmentSubjectType"/>
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<xsd:element name="Supervision" type="rap:SupervisionType"/>
<xsd:element name="SupervisionAgencyAssociation" type="rap:SupervisionAgencyAssociationType"/>
<xsd:element name="SupervisionCharge" type="j:ChargeType"/>
<xsd:element name="SupervisionAgencyRecordIdentification" type="nc:IdentificationType"/>
<xsd:element name="SupervisionCourtRecordIdentification" type="nc:IdentificationType"/>
<xsd:element name="SupervisionReference" type="s:ReferenceType"/>
<xsd:element name="SupervisionSubject" type="rap:SegmentSubjectType"/>
<xsd:element name="Version" type="nc:TextType"/>
</xsd:root>
5.0 XML Instance

An XML instance is an example of the payload document defined by the specification. It serves as not only as an example artifact for the specification, but can also be used to validate the schema. XSL stylesheets are used to format the data within the XML instances to meet display or output requirements.

The following example shows an actual rap sheet XML instance, encoded in the NIEM XML format, which was successfully validated during testing with Nlets and which has been successfully parsed via the transformation stylesheet XSLT provided in Appendix C and illustrated as output in Appendix D.

```xml
<?xml version="1.0" encoding="UTF-8"?>
  <n:NLETSResponseMessage>
    <n:NLETSResponseHeader>
      <n:DocumentSource.Organization>
        <j:OrganizationORIID>
          <j:ID>PASIR0000</j:ID>
        </j:OrganizationORIID>
      </j:DocumentSource.Organization>
      <j:DocumentSubject.Organization>
        <j:OrganizationORIID>
          <j:ID>PAPSP0062</j:ID>
        </j:OrganizationORIID>
      </j:DocumentSubject.Organization>
    </n:NLETSResponseHeader>
    <n:NLETSInquiryData Key="FQ">
      <n:PurposeCode>C</n:PurposeCode>
      <n:Attention>VGS TEST</n:Attention>
      <j:Person/>
      <j:Location>
        <j:LocationAddress>
          <j:LocationStateName>PA</j:LocationStateName>
        </j:LocationAddress>
      </j:Location>
    </n:NLETSInquiryData>
  </n:NLETSResponseMessage>
</n:NLETS>
```
<j:Location>
  </n:NLETSInquiryData>
- <n:NLETSResponseData Type="hit" Key="FR">
    - <rap:Metadata s:id="N00DF2610.00DCD710">
      - <nc:ReportedDate>
        2008-06-10
      </nc:ReportedDate>
    </rap:Metadata>
    - <rap:Metadata s:id="N00DF2610.0123A900">
      - <nc:ReportedDate>
        2007-09-03
      </nc:ReportedDate>
    </rap:Metadata>
    - <rap:Metadata s:id="N00DF2610.0123A920">
      - <nc:ReportedDate>
        2007-09-03
      </nc:ReportedDate>
    </rap:Metadata>
    - <rap:Metadata s:id="N00DF2610.0123A940">
      - <nc:ReportedDate>
        1995-06-13
      </nc:ReportedDate>
    </rap:Metadata>
    - <rap:Metadata s:id="N00DF2610.0123A9A0">
      - <nc:ReportedDate>
        1995-06-13
      </nc:ReportedDate>
    </rap:Metadata>
    - <rap:Metadata s:id="N00DF2610.00DD7F88">
      <nc:CommentText>Acquitted</nc:CommentText>
    </rap:Metadata>
    - <rap:Metadata s:id="N00DF2610.00DD8430">
      <nc:CommentText>Convicted</nc:CommentText>
    </rap:Metadata>
    - <rap:Metadata s:id="N00DF2610.00DD04D4">
      <nc:ReportingOrganizationText>PA</nc:ReportingOrganizationText>
    </rap:Metadata>
  </rap:RapSheet>
</j:Location>
<rap:Introduction>

<rap:Caveat>
<nc:CaveatText>USE OF THE FOLLOWING CRIMINAL HISTORY RECORD *** SID 000-01-23-6 *** REGULATED BY ACT 47, AS AMENDED.</nc:CaveatText>
</rap:Caveat>

<rap:RapSheetRequest>
<rap:PurposeCode>C</rap:PurposeCode>
<rap:Attention>VGS TEST</rap:Attention>
</rap:RapSheetRequest>

<rap:RapSheetPerson>
<nc:PersonName>
<nc:PersonFullName/>RECORD</nc:PersonFullName>
<nc:PersonAlternateName/>
</nc:PersonName>
</rap:RapSheetPerson>

<rap:RapSheetPerson>
<nc:PersonName>
<nc:PersonFullName/>RAP</nc:PersonFullName>
<nc:PersonAlternateName/>
</nc:PersonName>
</rap:RapSheetPerson>

123
<nc:PersonSurName>TEST</nc:PersonSurName>
  - <nc:PersonAlternateName>
    <nc:PersonGivenName>BADDY</nc:PersonGivenName>
    <nc:PersonMiddleName /></nc:PersonAlternateName>
  - <nc:PersonAlternateName>
    <nc:PersonGivenName>FIRST</nc:PersonGivenName>
    <nc:PersonMiddleName>MIDDLE SR</nc:PersonMiddleName>
    <nc:PersonSurName>LAST</nc:PersonSurName>
  </nc:PersonAlternateName>
  - <nc:PersonAlternateName>
    <nc:PersonGivenName>STUV</nc:PersonGivenName>
    <nc:PersonMiddleName>WXYZA</nc:PersonMiddleName>
    <nc:PersonSurName>ABCDEFGHIJKLMNOPQR</nc:PersonSurName>
    <nc:PersonAlternateName>
      <nc:PersonGivenName>OCA</nc:PersonGivenName>
      <nc:PersonMiddleName>TEST</nc:PersonMiddleName>
      <nc:PersonSurName>EXPUNGEMENT</nc:PersonSurName>
    </nc:PersonAlternateName>
    <nc:PersonAlternateName>
      <nc:PersonGivenName>DONALD</nc:PersonGivenName>
      <nc:PersonMiddleName>DUCK</nc:PersonMiddleName>
    </nc:PersonAlternateName>
    <nc:PersonAlternateName>
      <nc:PersonGivenName>MICKEY</nc:PersonGivenName>
      <nc:PersonMiddleName>MOUSE</nc:PersonMiddleName>
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      <nc:PersonGivenName>TEST</nc:PersonGivenName>
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    </nc:PersonAlternateName>
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        <nc:Date>1944-08-25</nc:Date>
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  </nc:PersonAlternateName>
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  - <nc:PersonBirthDate>
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  - <nc:PersonBirthDate>
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  - <nc:PersonBirthDate>
    <nc:Date>1975-01-01</nc:Date>
  - <nc:PersonBirthDate>
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</nc:PersonBirthDate>

<nc:PersonCitizenshipText>BZ</nc:PersonCitizenshipText>

<nc:PersonDeathDate>
  <nc:Date>2002-01-01</nc:Date>
</nc:PersonDeathDate>

<rap:PersonEyeColorText s:metadata="N00DF2610.0123A940">Brown</rap:PersonEyeColorText>
<rap:PersonHairColorText s:metadata="N00DF2610.0123A940">Brown</rap:PersonHairColorText>

<nc:PersonHeightMeasure s:metadata="N00DF2610.0123A940">
  <nc:MeasureText>400</nc:MeasureText>
</nc:PersonHeightMeasure>

<nc:PersonLivingIndicator>false</nc:PersonLivingIndicator>

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<nc:PersonMiddleName />
<nc:PersonSurName>RAP</nc:PersonSurName>

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<nc:IdentificationJurisdictionText>TEST</nc:IdentificationJurisdictionText>

<rap:PersonRaceText>White</rap:PersonRaceText>
<rap:PersonSexText>Male</rap:PersonSexText>

<nc:PersonSSNIdentification>
RECORDS AND IDENTIFICATION, PLEASE CONTACT FOR FURTHER CLARIFICATION

PENNSYLVANIA STATE POLICE

STRATEGIC DEVELOPMENT DIVISION, 2629 MARKET PLACE
<nc:ContactTelephoneNumber>
<nc:FullTelephoneNumber>
<nc:TelephoneNumberFullID>7176574130</nc:TelephoneNumberFullID>
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</nc:ContactTelephoneNumber>
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- <j:OrganizationORIIdentification>
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- <j:OrganizationORIIdentification>
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  </j:OrganizationAugmentation>
  </j:OrganizationORIIdentification>
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  - <nc:StructuredAddress>
  - <nc:LocationStreet>
  - <nc:StreetFullText>HCR 1 PO BOX 18</nc:StreetFullText>
  - <nc:LocationCityName>WHITE HAVEN</nc:LocationCityName>
  - <nc:LocationStateName>PA</nc:LocationStateName>
  - <nc:LocationCountryName>US</nc:LocationCountryName>
  - <nc:LocationPostalCode>18661-9802</nc:LocationPostalCode>
  </nc:StructuredAddress>
  </nc:LocationAddress>
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  - <nc:ContactTelephoneNumber>
  - <nc:FullTelephoneNumber>
  - <nc:TelephoneNumberFullID>5704439511</nc:TelephoneNumberFullID>
  </nc:FullTelephoneNumber>
  </nc:ContactTelephoneNumber>
  </nc:LocationContactInformation>
  </nc:OrganizationLocation>
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- <j:OrganizationAugmentation>
- <j:OrganizationORIIdentification>
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- <j:OrganizationORIIdentification>
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</rap:Agency>
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  <nc:LocationReference s:ref="N00DF2610.00DCD780" />
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  - <rap:Arrest s:id="N00DF2610.00DD7BEC">
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    - <j:ArrestAgencyRecordIdentification>
      <nc:IdentificationID>TESTOCA</nc:IdentificationID>
      <j:ArrestAgencyRecordIdentification>
      </j:ArrestAgencyRecordIdentification>
    - <j:ArrestCharge>
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        <nc:DispositionDescriptionText>FOUND NOT GUILTY</nc:DispositionDescriptionText>
        <j:ChargeDispositionOtherText>Acquitted</j:ChargeDispositionOtherText>
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- <j:ChargeIdentification>
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  </j:ChargeIdentification>
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  </j:ChargeSequenceID>
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- <j:ChargeStatute>
  - <j:StatuteCodeIdentification>
    <nc:IdentificationID>CC2701A</nc:IdentificationID>
    </j:StatuteCodeIdentification>
    <j:StatuteJurisdiction>
      <nc:LocationStateName>Pennsylvania</nc:LocationStateName>
      </j:StatuteJurisdiction>
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      </j:ChargeStatute>
      <j:ChargeText>SIMPLE ASSAULT</j:ChargeText>
    - <j:ChargeTrackingIdentification>
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      </j:ChargeTrackingIdentification>
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        - <j:ArrestCharge>
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        - <j:ChargeSequenceID>
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    </j:StatuteJurisdiction>
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  </j:StatuteCodeIdentification>
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  </j:ChargeStatute>
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  <j:ChargeTrackingIdentification>
    <j:ChargeText>INSURANCE FRAUD</j:ChargeText>
  </j:ChargeTrackingIdentification>
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    <rap:ArrestSubject>
      <rap:SubjectFullName>RAP, TEST</rap:SubjectFullName>
    </rap:ArrestSubject>
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    </rap:Arrest>
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    </rap:CycleEarliestDate>
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    </rap:SupervisionSubject>
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    </nc:SupervisionCustodyStatus>
    <nc:SupervisionRelease>
      <nc:ActivityCategoryText>RELEASE</nc:ActivityCategoryText>
    </nc:SupervisionRelease>
    <nc:ActivityDate>
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    </nc:ActivityDate>
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  </rap:CycleEarliestDate>
  - <rap:Supervision s:id="N00DF2610.00DDB850">
    - <nc:ActivityDate>
      <nc:Date>1993-12-01</nc:Date>
    </nc:ActivityDate>
    - <rap:SupervisionSubject>
      <rap:SubjectFullName>RAP, TEST</rap:SubjectFullName>
    </rap:SupervisionSubject>
    - <nc:StatusDescriptionText>PAROLE</nc:StatusDescriptionText>
    - <nc:SupervisionRelease>
      <nc:ActivityCategoryText>PAROLE END DATE</nc:ActivityCategoryText>
    </nc:SupervisionRelease>
  </rap:Supervision>
</rap:RapSheetCycle>

- <rap:ArrestAgencyAssociation>
  <nc:ActivityReference s:ref="N00DF2610.00DD7BEC" />
  <nc:OrganizationReference s:ref="N00DF2610.00DD6FB8" />
</rap:ArrestAgencyAssociation>

- <rap:SupervisionAgencyAssociation>
  <rap:SupervisionReference s:ref="N00DF2610.00DB50C" />
  <nc:OrganizationReference s:ref="N00DF2610.00DB640" />
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- <rap:SupervisionAgencyAssociation>
  <rap:SupervisionReference s:ref="N00DF2610.00DB850" />
  <nc:OrganizationReference s:ref="N00DF2610.00DB980" />
</rap:SupervisionAgencyAssociation>

</n:NLETSResponseData>
</n:NLETSResponseMessage>
</n:NLETS>
Appendix A: XML as a Standard for Justice Information Exchange

Overview of the Global Justice XML Data Model (GJXDM) and the National Information Exchange Model (NIEM)

The GJXDM, released by the U.S. Department of Justice (“DOJ”) in January 2004, was the first reference data model for the justice and public safety information sharing environment. GJXDM demonstrated the value of information sharing, and helped promote the business case for NIEM, which now extends that concept on a broader national level.

The NIEM is the result of a partnership between DOJ and the Department of Homeland Security established in February 2005. NIEM Version 2.0, published July 31, 2007, expands and evolves the original GJXDM model to support enterprise-wide information exchange standards and processes throughout the nation. NIEM includes not only the justice domain but also represents others, including Biometrics, Highway and Traffic Safety, Intelligence, Immigration, Emergency Management, Customs and Border Protection, Geospatial Information, Person Screening and Infrastructure Protection. Operational stakeholders and practitioners from all levels and branches of government are directly involved in developing and managing NIEM content and structure to provide component-based resources which are reusable and portable to any organization or platform. The original GJXDM data content is incorporated in NIEM as the Justice domain (JXDM).

eXtensible Markup Language (XML)

Both GJXDM and NIEM are based on eXtensible Markup Language (XML), a structured language for describing information being sent electronically by one entity to another. XML is designed to transmit both data and the meaning of the data. XML accomplishes this by being a markup language, which designates data structures within exchange content. Structured information contains both content (such as words, pictures, or video) and an indication of what role content plays, or its meaning. XML identifies different structures by assigning data "tags" to define both the name of a data element and the format of the data within that element. Elements are combined to form objects.

An XML specification defines a standard way to add markup language to documents, identifying the embedded structures in a consistent way. By applying a consistent identification structure, data can be shared between different systems, up and down the levels of agencies, across the nation, and around the world, with the ease of using the Internet. In other words, XML lays the technological foundation that supports interoperability.
XML also allows structured relationships to be defined. The ability to represent objects and their relationships is key to creating a fully beneficial justice information sharing tool. A simple example can be used to illustrate this point:

A "person" object may contain elements like physical descriptors (e.g., eye and hair color, height, weight), biometric data (e.g., DNA, fingerprints), and social descriptors (e.g., marital status, occupation). A "vehicle" object would also contain many elements (such as description, registration, and/or lien-holder). The relationship between these two objects—person and vehicle—presents an interesting challenge that XML can address. Is the person the owner of the vehicle? The driver? Did he/she steal it? Get hit by it? And so forth.

XML is sanctioned by the World Wide Web Consortium (W3C), a forum comprised of agencies from across the globe committed to developing common protocols promoting Web evolution and data interoperability. XML specifications are guided by the W3C standards, including the XML Schema which defines the rules and constraints for the characteristics of the data, such as structure, relationships, allowable values, and data types.

XML is compatible with major Internet transmission protocols, and is also highly compressible for faster transmission. Almost all major software vendors fully support the general XML standard. Major database vendors and their database applications provide software development tools and adapters to assist justice agency technical staff to develop and use XML more efficiently and productively within agency applications. XML is very developer-friendly, yet ordinary users with no particular XML expertise can make sense of an XML file. The XML standard is designed to be independent of vendor, operating system, source application, destination application, storage medium (database), and/or transport protocol.

This last fact makes XML great news for justice administrators: sharing vital information no longer entails purchasing new systems or compromising one's business practices. XML is generally recognized as an enabler for increasing the sharing of information, and has emerged as a key technology for assisting commercial and government organizations in exchanging information and conducting business over the Internet and intranets. XML is the "glue" that promotes interoperability—it allows systems already in use and those being developed to communicate with each other and paves the way for future expanded collaboration between agencies.

Both the GJXDM and the NIEM data models are represented in XML, but provide specialized XML tag names and other structure for data which has been constrained to meet the specific information exchange requirements of justice, public safety and homeland security. In other words, these models utilize XML to provide a concise and defined vocabulary for sharing critical information throughout the nation, regardless of whether the agency sharing the information is local, state, tribal or federal, and regardless of whether the information is exchanged.

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6 [http://www.w3.org/XML/](http://www.w3.org/XML/)
horizontally or vertically within existing or emerging systems. The structure and meaning of NIEM data are defined by the model and dictionary and are represented as XML schema, thereby providing a common framework for information exchange.

The fundamental building block of the NIEM is the data component. Data components are the basic business data items that describe common concepts used in general business activities.

Figure 1 illustrates that the NIEM is modeled to be able to describe people, places, things and events, and the relationships between all of them at different points in time. Activity, by far, makes up the bulk of the model, with person information coming in second. While each of these categories represents a stand-alone entity, they are structured such that they can also be associated to each other.

NIEM 2.0 consists of approximately 3,990 data elements and 777 data types. The elements are grouped into namespaces: structures, NIEM-Core, or one of the seven domains. These core components are commonly understood, and their meanings are agreed to by many, if not all, domains. The standardization of these core components provides significant potential for increased interoperability among and between justice and public safety information systems. Standardization in this manner provides each of us with functionally equivalent or interchangeable components of the system or process in which they are used, regardless of our individual system differences.

The data model and dictionary are combined together into one database—a component repository—which allows the consistent generation of several products that can be consumed by the sharing community:

- The NIEM schema
- Numerous external code table schemas
- A NIEM documentation spreadsheet
The NIEM Spreadsheet\(^7\) provides easy navigation through all of the element names, organized hierarchically under the domains (NIEM-Core, Emergency Management, Justice, etc.) with hyperlinks to related elements. The spreadsheet also provides information as to the type of data being represented (date, integer, Boolean, string, etc.) and a precise definition of each dictionary component. The definitions represent a commitment to provide reusable components that mean the same thing to all domains.

Developing and implementing NIEM exchange standards allows agencies to leverage existing investments in information systems by building the bridges to connect them. NIEM standards enable different information systems to share and exchange information, irrespective of the particular technologies in use. Moreover, creating and adopting NIEM standards means that local, state, tribal, and federal organizations can reap significant cost benefits through adoption and reuse rather than building proprietary, single-use software from scratch.

NIEM element and attribute tag names (as well as GJXDM) were based on relevant international standards for electronic data exchange, especially ISO 11179 – Specification & Standardization of Data Elements\(^8\). Additional source standards include, but are not limited to:

- UN/CEFACT ebXML Core Components Technical Specification 1.9.
- Dublin Core Metadata for Documents.
- Intelligence Community Metadata Language.
- The OASIS XML Common Biometrics Format Committee.
- The ASC X12 Reference Model for XML Design.

**NIEM Resources**

Technical resources include:

- Concept of Operations\(^9\)
- Naming and Design Rules\(^10\)
- NIEM Implementation Guidelines\(^11\)
- NIEM Terms and Definitions\(^12\)

\(^7\) [http://www.niem.gov/library.php](http://www.niem.gov/library.php)


\(^10\) [http://www.niem.gov/library.php#technical](http://www.niem.gov/library.php#technical)


- NIEM FAQs\textsuperscript{13}
- IEPD Requirements Specification\textsuperscript{14}
- Techniques for Building and Extending NIEM XML Components\textsuperscript{15}

NIEM resources aimed primarily at executives include:
- Executive Message\textsuperscript{16}
- Introduction to NIEM\textsuperscript{17}
- Value of NIEM\textsuperscript{18}
- Why NIEM Now\textsuperscript{19}
- 10 Key Points About NIEM\textsuperscript{20}

\textsuperscript{13} http://www.niem.gov/topicIndex.php?topic=FAQsPDF
\textsuperscript{14} http://www.niem.gov/topicIndex.php?topic=file-iepdRequirements
\textsuperscript{15} http://www.niem.gov/topicIndex.php?topic=techPDF
\textsuperscript{16} http://www.niem.gov/topicIndex.php?topic=file-briefing
\textsuperscript{17} http://www.niem.gov/topicIndex.php?topic=file-introduction
\textsuperscript{18} http://www.niem.gov/topicIndex.php?topic=ValueOfNIEMPDF
\textsuperscript{19} http://www.niem.gov/topicIndex.php?topic=whyNIEMnowPDF
\textsuperscript{20} http://www.niem.gov/topicIndex.php?topic=10KeyPointsPDF
**Appendix B: XML Applications**

The XML criminal history can be used in two basic ways:

First, a standard scripting language can be used to transform the XML into another form or to extract essential elements from it. The prime example of scripting is using an XSL style sheet.

The second approach to using an XML document is through a program written in C, Java, or ECMAScript/JavaScript. In this case, information is extracted from the XML document and used by the program. The primary means of accomplishing the data extraction is via a standardized approach such as one of the application programming interfaces (APIs) for the Document Object Model (DOM) or the Simple API for XML (SAX) although there are many others.

**Scripting**

XSL transforms the tree structure of XML documents into another tree structure, typically a tree of HTML tags surrounding the same data content as in the XML file. The final step (although not strictly required) is to linearize the result tree into a sequential format in an output file. In the case of HTML output, this file is displayed in a web browser.

**Direct Use via XML APIs**

XML parser software has been freely circulated on the internet for a number of years. There are several efforts underway to standardize on one or more APIs.

**Simple API for XML (SAX) and Java API for SML Parsing (JAXP)**

The best known API is SAX and a related API from Sun Microsystems called JAXP (Java API for XML Parsing). This is a Java language-based API that uses a technique that calls a Java method (like a function or subprogram) as each XML element is parsed. The called method can then perform any action or build up any data structures that are needed. The SAX approach is simple to understand and program. It is similar to the approach used for graphical user interfaces. Since the SAX approach of invoking methods is under the control of the parser, it is more difficult to control the processing and a two-pass algorithm is often necessary. The first pass parses and records information from the XML document. The second pass then performs whatever action is needed or generates the result document.
Document Object Module (DOM)

The DOM approach involves parsing the XML document into an internal data structure. The application program then can query the structure as needed to extract the desired information. The DOM approach is essentially following the two-pass algorithm mentioned in the preceding paragraph. DOM differs from SAX and JAXP in that DOM only specifies what information is made available and generally how the information is organized. There are DOM-compliant APIs for Java, C, JavaScript or ECMAScript that are not part of DOM itself.

Other parsers such as Ælfred, XP, and MSXML have been contributed by software developers. There are obvious advantages in using a published API or a widely used parser.

Validating and Non-validating Parsers

XML parsers can be either validating or non-validating. Most parsers in use in applications are non-validating. Non-validating parsers can handle any XML that is well formed, that is, has start and end tags that are legally nested and evenly matched. For example, the document below on the left side is properly nested and the one on the right is not. Nesting is just one basic test of validity for an XML document.

A validating parser would make additional checks that certain elements appear and that only defined elements are present. The XML Schema definition provided in Section 4 is intended as a possible basis for validating an XML document. There are rules for criminal histories, however, that cannot be expressed in an XML Schema. For example, it is not possible to validate that a birthdate is more than 13 years in the past.
Appendix C: NIEM to Text Style Sheet

```xml
<?xml version="1.0" encoding="UTF-8"?>
<!-- IMPORTANT: Do not manipulate the format of this document!
The output format of the XSLT file is a positionally delimited,
flat file that requires whitespace codes for proper transformations. -->
  <xsl:template match="/">
    <NLETS>
      <xsl:choose>
        <xsl:when test="//j2:DocumentReceivedDate[.!='']">
          <xsl:otherwise></xsl:otherwise>
        </xsl:when>
        <xsl:otherwise>
          <xsl:choose>
            <xsl:when test="//n:MessageKeyCode">
              <xsl:value-of select="//n:MessageKeyCode"/>
            </xsl:when>
            <xsl:otherwise></xsl:otherwise>
          </xsl:choose>
        </xsl:otherwise>
      </xsl:choose>
      <xsl:choose>
        <xsl:when test="//j2:DocumentReceivedDate[.!='']">
          <xsl:value-of select="//j2:DocumentReceivedDate[.!='']"/>
        </xsl:when>
        <xsl:otherwise></xsl:otherwise>
      </xsl:choose>
      <xsl:choose>
        <xsl:when test="//n:DocumentReceivedTime != "">
          <xsl:value-of select="//n:DocumentReceivedTime != "/>
        </xsl:when>
        <xsl:otherwise></xsl:otherwise>
      </xsl:choose>
      <xsl:choose>
        <xsl:when test="//j:DocumentReceivedDate">
          <xsl:value-of select="//j:DocumentReceivedDate"/>
        </xsl:when>
        <xsl:otherwise></xsl:otherwise>
      </xsl:choose>
      <xsl:choose>
        <xsl:when test="//n:DocumentReceivedCountQuantity">
          <xsl:value-of select="//n:DocumentReceivedCountQuantity"/>
        </xsl:when>
        <xsl:otherwise></xsl:otherwise>
      </xsl:choose>
      <xsl:choose>
        <xsl:when test="//j2:DocumentFiledTime">
          <xsl:value-of select="//j2:DocumentFiledTime"/>
        </xsl:when>
        <xsl:otherwise></xsl:otherwise>
      </xsl:choose>
      <xsl:choose>
        <xsl:when test="//j2:DocumentFiledDate">
          <xsl:value-of select="//j2:DocumentFiledDate"/>
        </xsl:when>
        <xsl:otherwise></xsl:otherwise>
      </xsl:choose>
      <xsl:choose>
        <xsl:when test="//n:DocumentFiledCountQuantity">
          <xsl:value-of select="//n:DocumentFiledCountQuantity"/>
        </xsl:when>
        <xsl:otherwise></xsl:otherwise>
      </xsl:choose>
      <xsl:for-each select="//j2:DocumentSubject.Organization/j2:OrganizationORIID/j2:ID">
        <xsl:choose>
          <xsl:when test="position() = last()">
            <xsl:value-of select="."/>
          </xsl:when>
          <xsl:otherwise></xsl:otherwise>
        </xsl:choose>
      </xsl:for-each>
      <xsl:for-each select="//n:DocumentDestinationID/nc:IdentificationID">
        <xsl:choose>
          <xsl:when test="position() = last()">
            <xsl:value-of select="."/>
          </xsl:when>
          <xsl:otherwise></xsl:otherwise>
        </xsl:choose>
      </xsl:for-each>
      <xsl:for-each select="//n:DocumentDestinationID/nc:IdentificationID">
        <xsl:choose>
          <xsl:when test="position() = last()">
            <xsl:value-of select="."/>
          </xsl:when>
          <xsl:otherwise></xsl:otherwise>
        </xsl:choose>
      </xsl:for-each>
    </NLETS>
  </xsl:template>
</xsl:stylesheet>
```
<xsl:choose>
  <xsl:when test="//n:DocumentControlFieldText != ''">
    <xsl:value-of select="//n:DocumentControlFieldText"/>
  </xsl:when>
  <xsl:otherwise>
    <TXT/>
  </xsl:otherwise>
</xsl:choose>

<xsl:if test="/j2:DocumentSubject/Organization/j2:OrganizationORIID/j2:ID">
  <xsl:choose>
    <xsl:when test="position() = last()">
    </xsl:when>
    <xsl:otherwise>
    </xsl:otherwise>
  </xsl:choose>
</xsl:if>

<xsl:if test="/n:DocumentControlFieldText != ''">
  <xsl:value-of select="/n:DocumentControlFieldText"/>
</xsl:if>

<xsl:choose>
  <xsl:when test="" />
  <xsl:otherwise>
    <TXT/>
  </xsl:otherwise>
</xsl:choose>

<xsl:choose>
  <xsl:when test="/rap:ControlData[nc:IdentificationCategoryText='NCIChdr']/nc:IdentificationID">
    <HDR/>
    <xsl:value-of select="/rap:ControlData[nc:IdentificationCategoryText='NCIChdr']/nc:IdentificationID"/>
  </xsl:when>
  <xsl:otherwise>&#10;</xsl:otherwise>
</xsl:choose>
<xsl:call-template name="wrapIn">
  <xsl:with-param name="Text" select="."/>
  <xsl:with-param name="StartPos" select="$posCol2"/>
  <xsl:with-param name="EndPos" select="$posMaxWidth"/>
  <xsl:with-param name="WrappedStartPos" select="$posCol2"/>
  <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
  <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
  <xsl:with-param name="initialRun" select="0"/>
</xsl:call-template>
</xsl:when>
<xsl:otherwise>
  <xsl:choose>
      <xsl:text>FBI Number</xsl:text>
    </xsl:when>
      <xsl:text>State Id Number</xsl:text>
    </xsl:when>
  </xsl:choose>
</xsl:otherwise>
</xsl:choose>
</xsl:for-each>
</xsl:when>
<xsl:choose>
    <xsl:text>State Id Number</xsl:text>
  </xsl:when>
    <xsl:text>Jurisdiction NCICLSTACode</xsl:text>
  </xsl:when>
</xsl:choose>
</xsl:when>
<xsl:else>
  <xsl:text>&amp;#10;</xsl:text>
</xsl:else>
<xsl:when test="count(//rap:RapSheet/rap:Introduction/rap:RapSheetRequest/rap:RapSheetPerson/nc:PersonSSNIdentification/nc:IdentificationID) &gt; 0">
  <xsl:text>Social Security Number </xsl:text>
</xsl:when>
  <xsl:choose>
    <xsl:when test="position() = 1">
      <xsl:call-template name="wrapIn">
        <xsl:with-param name="Text" select="."/>
        <xsl:with-param name="StartPos" select="$posCol1"/>
        <xsl:with-param name="EndPos" select="$posMaxWidth"/>
        <xsl:with-param name="WrappedStartPos" select="$posCol2"/>
        <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
        <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
        <xsl:with-param name="initialRun" select="0"/>
      </xsl:call-template>
    </xsl:when>
    <xsl:otherwise>
      <xsl:call-template name="wrapIn">
        <xsl:with-param name="Text" select="."/>
        <xsl:with-param name="StartPos" select="$posCol2"/>
        <xsl:with-param name="EndPos" select="$posMaxWidth"/>
        <xsl:with-param name="WrappedStartPos" select="$posCol2"/>
        <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
        <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
        <xsl:with-param name="initialRun" select="0"/>
      </xsl:call-template>
    </xsl:otherwise>
  </xsl:choose>
</xsl:for-each>
</xsl:when>
<xsl:otherwise>
  <xsl:text>&#10;</xsl:text>
</xsl:otherwise>
</xsl:for-each>
</xsl:choose>
</xsl:when>
<xsl:choose>
  <xsl:when test="count(//rap:RapSheet/rap:Introduction/rap:RapSheetRequest/rap:RapSheetPerson/nc:PersonBirthDate/nc:Date) &gt; 0">
    <xsl:text>Date of Birth </xsl:text>
  </xsl:when>
  <xsl:for-each select="/rap:RapSheet/rap:Introduction/rap:RapSheetRequest/rap:RapSheetPerson/nc:PersonBirthDate/nc:Date">
    <xsl:choose>
      <xsl:when test="position() = 1">
        <xsl:call-template name="wrapIn">
          <xsl:with-param name="Text" select="."/>
          <xsl:with-param name="StartPos" select="$posCol1"/>
          <xsl:with-param name="EndPos" select="$posMaxWidth"/>
          <xsl:with-param name="WrappedStartPos" select="$posCol2"/>
          <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
          <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
          <xsl:with-param name="initialRun" select="0"/>
        </xsl:call-template>
      </xsl:when>
      <xsl:otherwise>
        <xsl:call-template name="wrapIn">
          <xsl:with-param name="Text" select="."/>
          <xsl:with-param name="StartPos" select="$posCol2"/>
          <xsl:with-param name="EndPos" select="$posMaxWidth"/>
          <xsl:with-param name="WrappedStartPos" select="$posCol2"/>
          <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
          <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
          <xsl:with-param name="initialRun" select="0"/>
        </xsl:call-template>
      </xsl:otherwise>
    </xsl:choose>
  </xsl:for-each>
</xsl:when>
<xsl:otherwise>
  <xsl:text>&#10;</xsl:text>
</xsl:otherwise>
</xsl:for-each>
</xsl:choose>
<xsl:if test="count(//rap:RapSheet/rap:Introduction/rap:RapSheetRequest/rap:RapSheetPerson/rap:PersonSexText) &gt; 0">
  <xsl:for-each select="//rap:RapSheet/rap:Introduction/rap:RapSheetRequest/rap:RapSheetPerson/rap:PersonSexText">
    <xsl:choose>
      <xsl:when test="position() = 1">
        <xsl:call-template name="wrapIn">
          <xsl:with-param name="Text" select="."/>
          <xsl:with-param name="StartPos" select="$posCol1"/>
          <xsl:with-param name="EndPos" select="$posMaxWidth"/>
          <xsl:with-param name="WrappedStartPos" select="$posCol2"/>
          <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
          <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
          <xsl:with-param name="initialRun" select="0"/>
        </xsl:call-template>
      </xsl:when>
      <xsl:otherwise>
        <xsl:call-template name="wrapIn">
          <xsl:with-param name="Text" select="."/>
          <xsl:with-param name="StartPos" select="$posCol2"/>
          <xsl:with-param name="EndPos" select="$posMaxWidth"/>
          <xsl:with-param name="WrappedStartPos" select="$posCol2"/>
          <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
          <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
          <xsl:with-param name="initialRun" select="0"/>
        </xsl:call-template>
      </xsl:otherwise>
    </xsl:choose>
    <xsl:if test="count(//rap:RapSheet/rap:Introduction/rap:RapSheetRequest/rap:RapSheetPerson/rap:PersonSexText) = 0">
      <xsl:text>&#10;</xsl:text>
    </xsl:if>
  </xsl:for-each>
</xsl:if>
The information in this rap sheet is subject to the following caveats:

The identification section of the rap sheet contains information about the individual's living status, date of birth, and other relevant details. The information is presented in a structured format, with specific tags and attributes for each piece of data. The code snippet demonstrates how the data is extracted and formatted according to the specified rules.
<xsl:call-template name="wrapIn">
    <xsl:with-param name="Text" select="concat(//rap:RapSheet/rap:RapSheetPerson/nc:PersonDeathDate/nc:Date,' (',//rap:RapSheet/rap:Metadata[@s:id=$metadataid]/nc:ReportingOrganizationText,'; ',//rap:RapSheet/rap:Metadata[@s:id=$metadataid]/nc:ReportedDate,'; ',//rap:RapSheet/rap:Metadata[@s:id=$metadataid]/nc:CommentText,')')"/>
    <xsl:with-param name="StartPos" select="$posCol1"/>
    <xsl:with-param name="EndPos" select="$posMaxWidth"/>
    <xsl:with-param name="WrappedStartPos" select="$posCol2"/>
    <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
    <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
    <xsl:with-param name="initialRun" select="0"/>
</xsl:call-template>
<xsl:text>&#10;</xsl:text>
</xsl:if>
<xsl:if test="count(//rap:RapSheet/rap:RapSheetPerson/nc:PersonName) > 0">
    <xsl:text>Subject Name(s)</xsl:text>
    <xsl:for-each select="//rap:RapSheet/rap:RapSheetPerson/nc:PersonName">
        <xsl:value-of select="./nc:PersonSurName"/>
        <xsl:text>, </xsl:text>
        <xsl:if test="count(./nc:PersonPrefixName) > 0">
            <xsl:value-of select="./nc:PersonPrefixName"/>
        </xsl:if>
        <xsl:if test="count(./nc:PersonGivenName) > 0">
            <xsl:value-of select="./nc:PersonGivenName"/>
        </xsl:if>
        <xsl:if test="count(./nc:PersonMiddleName) > 0">
            <xsl:value-of select="./nc:PersonMiddleName"/>
        </xsl:if>
        <xsl:if test="count(./nc:PersonSuffixName) > 0">
            <xsl:value-of select="./nc:PersonSuffixName"/>
        </xsl:if>
    </xsl:for-each>
    <xsl:text>&#10;</xsl:text>
</xsl:if>
<xsl:for-each select="//rap:RapSheet/rap:RapSheetPerson/nc:PersonAlternateName"
<xsl:choose>
  <xsl:when>
    <xsl:choose>
      <xsl:when test="//rap:RapSheet/rap:RapSheetPerson/nc:PersonOtherIdentification/rap:IdentificationCategoryText = 'Correctional ID'">
        <xsl:text>&#10;FBI Number</xsl:text>
        <xsl:text>&#10;DOC Number</xsl:text>
      </xsl:when>
      <xsl:otherwise>
        <xsl:text>&#10;FBI Number</xsl:text>
      </xsl:otherwise>
    </xsl:choose>
  </xsl:when>
  <xsl:otherwise>
    <xsl:choose>
      <xsl:when test="count(//rap:RapSheet/rap:RapSheetPerson/j:PersonAugmentation/j:PersonStateFingerprintIdentification/nc:IdentificationID) > 0">
        <xsl:choose>
          <xsl:when test="//rap:RapSheet/rap:RapSheetPerson/nc:PersonOtherIdentification/rap:IdentificationCategoryText = 'Correctional ID'">
            <xsl:text>State Id Number</xsl:text>
            <xsl:text>DOC Number</xsl:text>
          </xsl:when>
          <xsl:otherwise>
            <xsl:text>State Id Number</xsl:text>
            <xsl:text>&#10;</xsl:text>
          </xsl:otherwise>
        </xsl:choose>
      </xsl:when>
      <xsl:otherwise>
        <xsl:choose>
          <xsl:when test="//rap:RapSheet/rap:RapSheetPerson/nc:PersonOtherIdentification/rap:IdentificationCategoryText = 'Correctional ID'">
            <xsl:text>DOC Number</xsl:text>
          </xsl:when>
          <xsl:otherwise>
          </xsl:otherwise>
        </xsl:choose>
      </xsl:otherwise>
    </xsl:choose>
  </xsl:otherwise>
</xsl:choose>
<!-- if there is a [column 2] at this index write it, else spaceover -->
<xsl:when test="count(./j:PersonStateFingerprintIdentification[$i]/nc:IdentificationID) &gt; 0">
    <xsl:call-template name="spaceover">
        <xsl:with-param name="amount" select="$posCol2 - (string-length(.))"/>
        <xsl:with-param name="amountWrote" select="0"/>
    </xsl:call-template>
</xsl:when>

<xsl:if test="./j:PersonStateFingerprintIdentification[$i]/j:IdentificationJurisdictionNCICLSTACode">
    <xsl:text>(</xsl:text>
    <xsl:value-of select="./j:IdentificationJurisdictionNCICLSTACode"/>
    <xsl:text>)</xsl:text>
</xsl:if>

</xsl:when>
<xsl:otherwise>
    <xsl:call-template name="spaceover">
        <xsl:with-param name="amount" select="$posCol2 - string-length(.)"/>
        <xsl:with-param name="amountWrote" select="0"/>
    </xsl:call-template>
</xsl:otherwise>
</xsl:choose>

<!-- if there is a [column 3] at this index write it, else return -->
<xsl:when test="count(././/nc:PersonOtherIdentification[$i]/nc:IdentificationID) &gt; 0">
    <xsl:if test="././/nc:PersonOtherIdentification[$i]/rap:IdentificationCategoryText = 'Correctional ID'">
        <!-- only do if Correctional ID -->
        <xsl:variable name="adj" select="$posCol3 - ($posCol2 + (string-length(./j:PersonStateFingerprintIdentification/nc:IdentificationID) + 5))"/>
        <xsl:call-template name="wrapIn">
            <xsl:with-param name="Text" select="././/nc:PersonOtherIdentification[$i]/nc:IdentificationID"/>
            <xsl:with-param name="StartPos" select="$adj"/>
            <xsl:with-param name="EndPos" select="$posMaxWidth"/>
            <xsl:with-param name="WrappedStartPos" select="$posCol3"/>
            <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
            <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
            <xsl:with-param name="initialRun" select="0"/>
        </xsl:call-template>
    </xsl:if>
</xsl:when>
<xsl:otherwise/>
</xsl:choose>

<xsl:text>&#10;</xsl:text>
<xsl:text>&#10;</xsl:text>
<xsl:if test="count(.) &lt;= count(././/nc:PersonOtherIdentification/nc:IdentificationID) or count(.) &lt;=
    count(././/nc:PersonStateIdentification/nc:IdentificationID)">
    <xsl:text>&#10;</xsl:text>
</xsl:if>
</xsl:for-each>
  <xsl:for-each select="//rap:RapSheet/rp:RapSheetPerson/j:PersonAugmentation/j:PersonStateFingerprintIdentification/nc:IdentificationID">
    <xsl:variable name="i" select="position()"/>
    <xsl:if test="$i &gt; count(../../j:PersonFBIIdentification/nc:IdentificationID)">
      <xsl:call-template name="spaceover">
        <xsl:with-param name="amount" select="$posCol2"/>
        <xsl:with-param name="amountWrote" select="0"/>
      </xsl:call-template>
    </xsl:if>
  </xsl:for-each>
</xsl:if>

<xsl:if test="count(../../../nc:PersonOtherIdentification/nc:IdentificationID) &gt; 0">
  <xsl:for-each select="//rap:RapSheet/rp:RapSheetPerson/nc:PersonOtherIdentification/nc:IdentificationID">
    <xsl:variable name="i" select="position()"/>
    <xsl:if test="$i &gt; count(../../j:PersonAugmentation/j:PersonStateFingerprintIdentification) and $i &gt; count(../../j:PersonAugmentation/j:PersonFBIIdentification/nc:IdentificationID) and $i &gt; count(../../../nc:PersonOtherIdentification/nc:IdentificationID) and $i &gt; 0">
      <xsl:call-template name="spaceover">
        <xsl:with-param name="amount" select="$posCol3 - ($posCol2 + string-length(.) + 5)"/>
        <xsl:with-param name="amountWrote" select="0"/>
      </xsl:call-template>
    </xsl:if>
  </xsl:for-each>
</xsl:if>

<xsl:if test="count(../../j:PersonOtherIdentification/nc:IdentificationID) &gt; 0">
  <xsl:for-each select="//rap:RapSheet/rp:RapSheetPerson/nc:PersonOtherIdentification/nc:IdentificationID">
    <xsl:variable name="i" select="position()"/>
    <xsl:if test="$i &gt; count(../../j:PersonAugmentation/j:PersonStateFingerprintIdentification) and $i &gt; count(../../j:PersonAugmentation/j:PersonFBIIdentification/nc:IdentificationID) and $i &gt; count(../../j:PersonOtherIdentification/nc:IdentificationID) and $i &gt; 0">
      <xsl:call-template name="spaceover">
        <xsl:with-param name="amount" select="$posCol3"/>
        <xsl:with-param name="amountWrote" select="0"/>
      </xsl:call-template>
    </xsl:if>
  </xsl:for-each>
</xsl:if>

  <xsl:for-each select="//rap:RapSheet/rp:RapSheetPerson/j:PersonAugmentation/j:PersonStateFingerprintIdentification/nc:IdentificationID">
    <xsl:variable name="i" select="position()"/>
    <xsl:if test="$i &gt; count(../j:PersonFBIIdentification/nc:IdentificationID)">
      <xsl:call-template name="spaceover">
        <xsl:with-param name="amount" select="$posCol2"/>
        <xsl:with-param name="amountWrote" select="0"/>
      </xsl:call-template>
    </xsl:if>
  </xsl:for-each>
</xsl:if>

  <xsl:for-each select="//rap:RapSheet/rp:RapSheetPerson/j:PersonAugmentation/j:PersonStateFingerprintIdentification/nc:IdentificationID">
    <xsl:variable name="i" select="position()"/>
    <xsl:if test="$i &gt; count(../j:PersonFBIIdentification/nc:IdentificationID) and $i &gt; 0">
      <xsl:call-template name="spaceover">
        <xsl:with-param name="amount" select="$posCol2 + string-length(.) + 5"/>
        <xsl:with-param name="amountWrote" select="0"/>
      </xsl:call-template>
    </xsl:if>
  </xsl:for-each>
</xsl:if>

  <xsl:for-each select="//rap:RapSheet/rp:RapSheetPerson/j:PersonAugmentation/j:PersonStateFingerprintIdentification/nc:IdentificationID">
    <xsl:variable name="i" select="position()"/>
    <xsl:if test="$i &gt; count(../j:PersonFBIIdentification/nc:IdentificationID) and $i &gt; 0 and $i = count(../j:PersonFBIIdentification/nc:IdentificationID)">
      <xsl:call-template name="spaceover">
        <xsl:with-param name="amount" select="$posCol2"/>
        <xsl:with-param name="amountWrote" select="0"/>
      </xsl:call-template>
    </xsl:if>
  </xsl:for-each>
</xsl:if>
<xsl:value-of
select="../../j:PersonAugmentation/nc:DriverLicense/nc:DriverLicenseIdentification[$curPos]/j:Identification JurisdictionNCICLSTACode"/>
<xsl:text>&#10;</xsl:text>
</xsl:when>
<xsl:otherwise>
<xsl:text>&#10;</xsl:text>
</xsl:otherwise>
</xsl:choose>
</xsl:for-each>
<xsl:if test="count(//rap:RapSheet/rap:RapSheetPerson/nc:PersonSSNIdentification/nc:IdentificationID) &gt; 0">
<xsl:text>&#10;</xsl:text>
</xsl:if>

<comment>
  Miscellaneous Numbers
</comment>
<xsl:if test="count(//rap:RapSheet/rap:RapSheetPerson/nc:PersonOtherIdentification) &gt;
<comment>
  count(//rap:RapSheet/rap:RapSheetPerson/nc:PersonOtherIdentification[rap:IdentificationCategoryText='Correctional ID'])
</comment>
</xsl:if>
<xsl:if test="count(//rap:RapSheet/rap:RapSheetPerson/nc:PersonOtherIdentification) &gt;
<comment>
  count(//rap:RapSheet/rap:RapSheetPerson/nc:PersonOtherIdentification[rap:IdentificationCategoryText='Correctional ID'])
</comment>
</xsl:if>
<xsl:if test="position() &gt; count(../../../../nc:PersonSSNIdentification/nc:IdentificationID)">
<xsl:call-template name="spaceover">
  <xsl:with-param names="amount" select="$posCol2"/>
  <xsl:with-param names="amountWrote" select="0"/>
</xsl:call-template>
</xsl:if>
<xsl:if test="position() &gt; count(../../../../nc:PersonSSNIdentification/nc:IdentificationID)">
<xsl:value-of select="nc:IdentificationID"/>
</xsl:if>
<xsl:text>(</xsl:text>
<xsl:choose>
<xsl:when test="rap:IdentificationCategoryText != 'Correctional ID'">
<xsl:value-of select="nc:IdentificationID"/>
</xsl:when>
<xsl:otherwise>
<xsl:text>&#10;</xsl:text>
</xsl:otherwise>
</xsl:choose>
</xsl:for-each>
<xsl:if test="count(//rap:RapSheet/rap:RapSheetPerson/nc:PersonOtherIdentification) &gt; count(//rap:RapSheet/rap:RapSheetPerson/nc:PersonOtherIdentification[rap:IdentificationCategoryText='Correctional ID'])">
<xsl:value-of select="nc:IdentificationID"/>
</xsl:if>
<xsl:text>&#10;</xsl:text>
</xsl:if>
<xsl:if test="position() &gt; count(../../../../nc:PersonSSNIdentification/nc:IdentificationID)">
<xsl:value-of select="nc:IdentificationID"/>
</xsl:if>
<xsl:text>)</xsl:text>
</xsl:for-each>
</xsl:if>
<xsl:if test="position() &gt; count(../../../../nc:PersonSSNIdentification/nc:IdentificationID)">
<xsl:value-of select="nc:IDIssuingAuthorityText"/>
</xsl:if>
<xsl:text>"</xsl:text>
</xsl:for-each>
</xsl:choose>
</xsl:for-each>
</xsl:if>
<xsl:if test="count(//rap:RapSheet/rap:RapSheetPerson/nc:PersonOtherIdentification[rap:IdentificationCategoryText='Correctional ID'])">
<xsl:value-of select="nc:IdentificationID"/>
</xsl:if>
<xsl:text>&#10;</xsl:text>
</xsl:if>
<xsl:if test="position() &gt; count(../../../../nc:PersonSSNIdentification/nc:IdentificationID)">
<xsl:value-of select="nc:IDIssuingAuthorityText"/>
</xsl:if>
<xsl:text>"</xsl:text>
</xsl:for-each>
</xsl:choose>
</xsl:for-each>
</xsl:if>
<xsl:if test="position() &gt; count(../../../../nc:PersonSSNIdentification/nc:IdentificationID)">
<xsl:value-of select="nc:IDIssuingAuthorityText"/>
</xsl:if>
<xsl:text>"</xsl:text>
</xsl:for-each>
</xsl:template>
</xsl:with-param names="amountWrote" select="0"/>
</xsl:call-template>
</xsl:for-each>
</xsl:if>
<xsl:if test="position() &gt; count(../../../../nc:PersonSSNIdentification/nc:IdentificationID)">
<xsl:value-of select="nc:IDIssuingAuthorityText"/>
</xsl:if>
<xsl:variable name="i" select="position()"/>
<xsl:value-of select="."/>
<xsl:choose>
  <xsl:when test="count(./rap:PersonRaceText[$i]) &gt; 0">
    <xsl:call-template name="spaceover">
      <xsl:with-param name="amount" select="$posCol2 - string-length(.)"/>
      <xsl:with-param name="amountWrote" select="0"/>
    </xsl:call-template>
    <xsl:value-of select="./rap:PersonRaceText[$i]"/>
  </xsl:when>
  <xsl:otherwise>...
</xsl:choose>
</xsl:for-each>
<table>
<thead>
<tr>
<th>Height</th>
<th>Weight</th>
<th>Date of Birth</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height</td>
<td>Weight</td>
<td>Date of Birth</td>
</tr>
<tr>
<td>Height</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Height</td>
<td>Weight</td>
<td></td>
</tr>
<tr>
<td>Height</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
<xsl:choose>
  <xsl:when test="count(/rap:RapSheet/rap:RapSheetPerson/nc:PersonBirthDate/nc:Date) &gt; 0">
    <xsl:text>&amp;#10; Date of Birth&amp;#10;</xsl:text>
  </xsl:when>
  <xsl:otherwise/>
</xsl:choose>

<!-- if there is a [column 2] at this index write it, else spaceover -->
<xsl:for-each select="/rap:RapSheet/rap:RapSheetPerson/nc:PersonHeightMeasure/nc:MeasureText">
  <xsl:variable name="i" select="position()"/>
  <xsl:variable name="metadataid">
    <xsl:value-of select="../@s:metadata"/>
  </xsl:variable>
  <xsl:variable name="HeightData">
    <xsl:value-of select="substring(. , 1, 1)"/>
  </xsl:variable>
  <xsl:if test="count(../../nc:PersonWeightMeasure[$i]) &gt; 0">
    <xsl:variable name="metadataid2">
      <xsl:value-of select="../../nc:PersonWeightMeasure[$i]/@s:metadata"/>
    </xsl:variable>
    <xsl:call-template name="spaceover">
      <xsl:with-param name="amount" select="$posCol2 - (string-length($HeightData))"/>
      <xsl:with-param name="amountWrote" select="0"/>
    </xsl:call-template>
    <xsl:variable name="WeightData">
      <xsl:value-of select="../../nc:PersonWeightMeasure[$i]/nc:MeasureText"/>
    </xsl:variable>
    <xsl:if test="/rap:RapSheet/rap:Metadata[@s:id=$metadataid2]/nc:ReportedDate">
      <xsl:text>(</xsl:text>
      <xsl:value-of select="/rap:RapSheet/rap:Metadata[@s:id=$metadataid2]/nc:ReportedDate"/>
      <xsl:text>)</xsl:text>
    </xsl:if>
  </xsl:if>
</xsl:for-each>
<xsl:variable name="metadataid2">
<xsl:value-of select="@s:metadata"/>
</xsl:variable>

<xsl:variable name="i" select="position()"/>
<xsl:if test="$i > count(../nc:PersonHeightMeasure)">
<xsl:call-template name="spaceover">
<xsl:with-param name="amount" select="$posCol2"/>
<xsl:with-param name="amountWrote" select="0"/>
</xsl:call-template>
</xsl:if>
<xsl:value-of select="."/>
<xsl:text/>
<xsl:if test="/rap:RapSheet/rap:RapSheetPerson/nc:PersonBirthDate[$i]/nc:Date">
<xsl:text>(</xsl:text>
<xsl:value-of select="/rap:RapSheet/rap:RapSheetPerson/nc:PersonBirthDate[$i]/nc:Date"/>
<xsl:text>)</xsl:text>
</xsl:if>
<xsl:if test="count(/rap:RapSheet/rap:RapSheetPerson/nc:PersonBirthDate[$i]/nc:Date) > count(/rap:RapSheet/rap:RapSheetPerson/nc:PersonWeightMeasure/nc:MeasureText) &gt; 0"">
<l-- check to see if there is a [column 3] at the current index and write it if so -->
<xsl:choose>
<xsl:when test="/rap:RapSheet/rap:RapSheetPerson/nc:PersonBirthDate[$i]/nc:Date"/>
<xsl:call-template name="spaceover">
<xsl:with-param name="amount" select="$posCol3 - ($posCol2 + string-length(.) + 13)"/>
</xsl:call-template>
</xsl:when>
<xsl:otherwise>
<xsl:call-template name="spaceover">
<xsl:with-param name="amount" select="$posCol3 - ($posCol2 + string-length(.) )"/>
</xsl:call-template>
</xsl:otherwise>
</xsl:choose>
</xsl:if>
<xsl:value-of select="/rap:RapSheet/rap:RapSheetPerson/nc:PersonBirthDate[$i]/nc:Date"/>
<xsl:text>&#10;</xsl:text>
</xsl:if>
</xsl:for-each>

<l-- Check to see if there are stand alone [column 3]'s and write them if so -->
<xsl:if test="count(/rap:RapSheet/rap:RapSheetPerson/nc:PersonBirthDate/nc:Date) &gt; count(/rap:RapSheet/rap:RapSheetPerson/nc:PersonWeightMeasure/nc:MeasureText)">
<xsl:for-each select="/rap:RapSheet/rap:RapSheetPerson/nc:PersonBirthDate/nc:Date">
<xsl:variable name="i" select="position()"/>
<xsl:if test="$i &gt; count(../nc:PersonHeightMeasure)+1 and $i &gt; count(../nc:PersonWeightMeasure)+1">

<xsl:call-template name="spaceover">
  <xsl:with-param name="amount" select="$posCol3"/>
  <xsl:with-param name="amountWrote" select="0"/>
</xsl:call-template>
<xsl:with-param name="amountIn" select="."/>
<xsl:value-of select="."/>
<xsl:text>
</xsl:text>
</xsl:for-each>
</xsl:if>
</xsl:otherwise>
</xsl:choose>
</xsl:when>
</xsl:otherwise>
</xsl:choose>
</xsl:for-each>
</xsl:otherwise>
</xsl:choose>

<-- Hair Color/Eye Color/Fingerprint Pattern -->
<xsl:choose>
<xsl:when test="count(//rap:RapSheet/rap:RapSheetPerson/rap:PersonHairColorText) &gt; 0"/>
<xsl:choose>
<xsl:when test="count(//rap:RapSheet/rap:RapSheetPerson/nc:PersonHeightMeasure) &gt; 0"/>
<xsl:otherwise/>
</xsl:otherwise>
</xsl:when>
</xsl:choose>
</xsl:otherwise>
</xsl:choose>
<-- -->
<xsl:choose>
<xsl:when test="count(//rap:RapSheet/rap:RapSheetPerson/rap:PersonHairColorText) &gt; 0"/>
<xsl:choose>
<xsl:when test="count(//rap:RapSheet/rap:RapSheetPerson/rap:PersonEyeColorText) &gt; 0"/>
<xsl:otherwise/>
</xsl:otherwise>
</xsl:when>
</xsl:choose>
</xsl:otherwise>
</xsl:choose>
<-- Hair Color/Eye Color/Fingerprint Pattern -->
<xsl:choose>
<xsl:text>&amp;#10;Hair Color     Eye Color     Fingerprint Pattern&amp;#10;</xsl:text>
</xsl:when>
<xsl:otherwise/>
</xsl:otherwise>
</xsl:choose>
</xsl:otherwise>
</xsl:choose>
</xsl:when>
<xsl:choose>
  <xsl:when test="//rap:RapSheet/rap:Metadata[@s:id=$metadataid3]/nc:ReportedDate">
    <xsl:call-template name="spaceover">
      <xsl:with-param name="amount" select="$posCol3 - ($posCol2 + string-length(//rap:RapSheet/rap:RapSheetPerson/rap:PersonEyeColorText[$i]) + 13)"/>
      <xsl:call-template>
        <!-- the +13 is to account for refDate -->
        <xsl:with-param name="amountWrote" select="0"/>
      </xsl:call-template>
    </xsl:when>
    <xsl:otherwise>
      <xsl:call-template name="spaceover">
        <xsl:with-param name="amount" select="$posCol3 - ($posCol2 + string-length(//rap:RapSheet/rap:RapSheetPerson/rap:PersonEyeColorText[$i]))"/>
        <xsl:call-template>
          <xsl:with-param name="amountWrote" select="0"/>
        </xsl:call-template>
      </xsl:otherwise>
    </xsl:otherwise>
  </xsl:when>
  <xsl:otherwise>
      <!-- Check to see if there are more [column 2] or [column 3] nodes than [column 1] and write them if so -->
      <xsl:if test="count(.) &lt;= count(rap:RapSheet/rap:RapSheetPerson/rap:PersonEyeColorText) or count(.) &lt;=
      </xsl:if>
    </xsl:for-each>
  </xsl:otherwise>
</xsl:choose>
<xsl:if test="count(.) &lt;= count(rap:RapSheet/rap:RapSheetPerson/rap:PersonEyeColorText) or count(.) &lt;=
</xsl:if>
<xsl:if test="count([//rap:RapSheet/rap:PersonBiometricsAssociation/rap:PersonBiometrics/rap:PersonFingerPrintSet[si]] &gt; 0")

<!-- check to see if there is a [column 3] at the current index and write it if so -->
<xsl:choose>
  <xsl:when test="count([//rap:RapSheet/rap:Metadata[@s:id=$metadataid]/nc:ReportedDate]) &gt; 0">
    <xsl:call-template name="spaceover">
      <xsl:with-param name="amount" select="$posCol3 - ($posCol2 + string-length(../rap:PersonEyeColorText[si]) + 13)"/>
      <xsl:with-param name="amountWrote" select="0"/>
    </xsl:call-template>
  </xsl:when>
  <xsl:otherwise>
    <xsl:call-template name="spaceover">
      <xsl:with-param name="amount" select="$posCol3 - ($posCol2 + string-length(../rap:PersonEyeColorText[si]) + 13)"/>
      <xsl:with-param name="amountWrote" select="0"/>
    </xsl:call-template>
  </xsl:otherwise>
</xsl:choose>


</xsl:if>

<xsl:for-each select="[//rap:RapSheet/rap:PersonBiometricsAssociation/rap:PersonBiometrics/rap:PersonFingerPrintSet/nc:BiometricValueText]">
  <xsl:variable name="i" select="position()"/>
  <xsl:if test="i &gt; count([//rap:RapSheet/rap:RapSheetPerson/rap:PersonEyeColorText]) and i &gt; count([//rap:RapSheet/rap:RapSheetPerson/rap:PersonHairColorText])">
    <xsl:value-of select="metadataid"/>
  </xsl:if>
</xsl:for-each>

<!-- Check to see if there are stand alone [column 3]'s and write them if so -->
  <xsl:for-each select="[//rap:RapSheet/rap:PersonBiometricsAssociation/rap:PersonBiometrics/rap:PersonFingerPrintSet/nc:BiometricValueText]">
    <xsl:variable name="i" select="position()"/>
    <xsl:if test="i &gt; count([//rap:RapSheet/rap:RapSheetPerson/rap:PersonEyeColorText]) and i &gt; count([//rap:RapSheet/rap:RapSheetPerson/rap:PersonHairColorText])">
      <xsl:value-of select="metadataid"/>
    </xsl:if>
  </xsl:for-each>
</xsl:if>
<xs:value-of select="../rap:PersonEyeColorText/@s:metadata"/>
</xs:variable>
<xs:choose>
  <xs:when test="count(/rap:RapSheet/rap:Metadata[@s:id=$metadataid]/nc:ReportedDate) > 0">
    <xs:call-template name="spaceover">
      <xs:with-param name="amount" select="$posCol3 - ($posCol2 + string-length(../rap:PersonEyeColorText[$i]) + 13)"/>
      <!-- the +13 is to account for refDate -->
      <xs:with-param name="amountWrote" select="0"/>
    </xs:call-template>
  </xs:when>
  <xs:otherwise>
    <xs:call-template name="spaceover">
      <xs:with-param name="amount" select="$posCol3 - ($posCol2 + string-length(/rap:RapSheet/rap:RapSheetPerson/rap:PersonEyeColorText[$i]) + 13)"/>
      <!-- the +20 is to account for pounds and refDate -->
      <xs:with-param name="amountWrote" select="0"/>
    </xs:call-template>
  </xs:otherwise>
</xs:choose>
</xs:if>
</xs:for-each>
<xs:if>
  <!-- Scars Marks and Tattoos -->
  <xs:if test="count(/rap:RapSheet/rap:RapSheetPerson/nc:PersonPhysicalFeature) &gt; 0">
    <xs:text>&#10;Scars, Marks, and Tattoos&#10;</xs:text>
  </xs:if>
  <xs:text>Code Description, Comments, and Images&#10;</xs:text>
</xs:if>
<xs:for-each select="/rap:RapSheet/rap:RapSheetPerson/nc:PersonPhysicalFeature">
  <xs:variable name="metadataid">
    <xs:value-of select="../@s:metadata"/>
  </xs:variable>
  <!-- get SMT Code formatted properly and return into a variable -->
  <xs:variable name="SMTCODE">
    <xs:call-template name="doSMTCODE">
      <xs:with-param name="codeSource" select="../nc:PhysicalFeatureCategoryCode"/>
    </xs:call-template>
  </xs:variable>
</xs:for-each>
<xsl:variable
<xsl:value-of select="$SMTCode"/>

<!-- space over the correct amount to start the next column -->
<xsl:call-template name="spaceover">
    <xsl:with-param name="amount" select="$posCol2 - (string-length($SMTCode))'/">
    <xsl:with-param name="amountWrote" select="0'/">
</xsl:call-template>

<!-- get SMT Description Info -->
<xsl:choose>
    <xsl:when test="count(./nc:PhysicalFeatureDescriptionText) > 0">
        <xsl:variable name="SMTDescription" select="concat(./nc:PhysicalFeatureCategoryText, ', ', ./nc:PhysicalFeatureDescriptionText, ' ', rap:RapSheet/rap:Metadata[@s:id=$metadataid]/nc:ReportedDate)'/">
        <xsl:call-template name="wrapIn">
            <xsl:with-param name="Text" select="$SMTDescription'/">
            <xsl:with-param name="StartPos" select="$posCol1'/">
            <xsl:with-param name="EndPos" select="$posMaxWidth'/">
            <xsl:with-param name="WrappedStartPos" select="$posCol2'/">
            <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1'/">
            <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1'/">
            <xsl:with-param name="initialRun" select="0'/">
            </xsl:call-template>

        </xsl:when>
        <xsl:otherwise>
            <xsl:variable name="SMTDescription" select="concat(./nc:PhysicalFeatureCategoryText, ', ', rap:RapSheet/rap:Metadata[@s:id=$metadataid]/nc:ReportedDate)'/">
            <xsl:call-template name="wrapIn">
                <xsl:with-param name="Text" select="$SMTDescription'/">
                <xsl:with-param name="StartPos" select="$posCol1'/">
                <xsl:with-param name="EndPos" select="$posMaxWidth'/">
                <xsl:with-param name="WrappedStartPos" select="$posCol2'/">
                <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1'/">
                <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1'/">
                <xsl:with-param name="initialRun" select="0'/">
                </xsl:call-template>

            </xsl:otherwise>
        </xsl:choose>
        <xsl:for-each>
            <!-- Blood Type/Medical Conditions -->
            <xsl:choose>
                <xsl:when test="count(//rap:RapSheet/rap:RapSheetPerson/rap:PersonBloodTypeText) &gt; 0">
                    <xsl:choose>
                        <xsl:when test="count(//rap:RapSheet/rap:RapSheetPerson/nc:PersonMedicalCondition/nc:MedicalConditionText) &gt; 0">
                            <xsl:text>&amp;#10;Blood Type Medical Condition&amp;#10;</xsl:text>
                        </xsl:when>
                    </xsl:choose>
                </xsl:when>
            </xsl:for-each>
        </xsl:choose>
    </xsl:when>
</xsl:choose>
<xsl:when test="count(//rap:RapSheet/rap:RapSheetPerson/nc:PersonMedicalCondition/nc:MedicalConditionText) &gt; 0">
  <xsl:choose>
    <xsl:when>
      <xsl:text>&#10;Blood Type</xsl:text>&#10;</xsl:when>
    <xsl:otherwise>
      <xsl:when>
        <xsl:text>&#10;</xsl:text>&#10;</xsl:when>
      </xsl:otherwise>
    </xsl:choose>
  </xsl:when>
  <xsl:otherwise>
  </xsl:otherwise>
</xsl:choose>
</xsl:when>
<xsl:otherwise>
  <xsl:when test="count(//rap:RapSheet/rap:RapSheetPerson/nc:PersonMedicalCondition/nc:MedicalConditionText) &gt; 0">
    <xsl:choose>
      <xsl:when>
        <xsl:text>&#10;Medical Condition&#10;</xsl:text>
      </xsl:when>
      <xsl:otherwise/>
    </xsl:choose>
  </xsl:when>
  <xsl:otherwise/>
</xsl:choose>
</xsl:otherwise>
<!-- -->
<xsl:for-each select="//rap:RapSheet/rap:RapSheetPerson/rap:PersonBloodTypeText">
  <xsl:variable name="curPos" select="position()"/>
  <xsl:value-of select="."/>
  <xsl:choose>
    <xsl:when test="count(//rap:RapSheet/rap:RapSheetPerson/nc:PersonMedicalCondition/nc:MedicalConditionText) &gt; 0">
      <xsl:call-template name="spaceover">
        <xsl:with-param name="amount" select="$posCol2 - string-length(.)"/>
        <xsl:with-param name="amountWrote" select="0"/>
      </xsl:call-template>
      <xsl:choose>
        <xsl:when test="count(//rap:RapSheet/rap:RapSheetPerson/nc:PersonMedicalCondition[position() = $curPos]) &gt; 0">
          <!-- if there is a medicalCondition at the same index write it. -->
          <xsl:value-of select="//rap:RapSheet/rap:RapSheetPerson/nc:PersonMedicalCondition/nc:MedicalConditionText[$curPos]"/>
        </xsl:when>
        <xsl:otherwise>
          <xsl:text>0"</xsl:text>&#10;
        </xsl:otherwise>
      </xsl:choose>
    </xsl:when>
    <xsl:otherwise/>
  </xsl:choose>
</xsl:for-each>
<!-- -->
<xsl:choose>
  <xsl:when test="count(//rap:RapSheet/rap:RapSheetPerson/nc:PersonMedicalCondition/nc:MedicalConditionText) &gt; 0">
    <xsl:call-template name="spaceover">
      <xsl:with-param name="amount" select="$posCol2 - string-length(.)"/>
      <xsl:with-param name="amountWrote" select="0"/>
    </xsl:call-template>
    <xsl:choose>
      <xsl:when test="count(//rap:RapSheet/rap:RapSheetPerson/nc:PersonMedicalCondition[position() = $curPos]) &gt; 0">
          <!-- if there is a medicalCondition at the same index write it. -->
          <xsl:value-of select="//rap:RapSheet/rap:RapSheetPerson/nc:PersonMedicalCondition/nc:MedicalConditionText[$curPos]"/>
        </xsl:when>
        <xsl:otherwise>
          <xsl:text>0"</xsl:text>&#10;
        </xsl:otherwise>
      </xsl:choose>
  </xsl:when>
  <xsl:otherwise/>
</xsl:choose>
<xsl:otherwise>
<xsl:text>&#10;</xsl:text>
</xsl:otherwise>
</xsl:choose>
</xsl:for-each>
<xsl:choose>
<xsl:when test="count(//rap:RapSheet/rap:RapSheetPerson/nc:PersonMedicalCondition) &gt; count(//rap:RapSheet/rap:RapSheetPerson/rap:PersonBloodTypeText)">
<xsl:for-each select="/rap:RapSheet/rap:RapSheetPerson/nc:PersonMedicalCondition">
<xsl:variable name="curPos" select="position()"/>
<xsl:if test="position() &gt; count(../rap:PersonBloodTypeText)">
<xsl:call-template name="spaceover">
<xsl:with-param name="amount" select="$posCol2"/>
<xsl:with-param name="amountWrote" select="0"/>
</xsl:call-template>
<xsl:value-of select="./nc:MedicalConditionText"/>
<xsl:variable name="metadataid">
<xsl:value-of select="/rap:RapSheet/rap:RapSheetPerson/nc:PersonMedicalCondition/nc:MedicalConditionText[$curPos]/ns:m:metadata"/>
<xsl:variable>
<xsl:if test="/rap:RapSheet/rap:Metadata[@ns:id=$metadataid]/nc:ReportedDate">
<xsl:text></xsl:text>
<xsl:value-of select="/rap:RapSheet/rap:Metadata[@ns:id=$metadataid]/nc:ReportedDate"/>
<xsl:text></xsl:text>
</xsl:if>
<xsl:text>&#10;</xsl:text>
</xsl:if>
</xsl:for-each>
<xsl:text>&#10;</xsl:text>
<xsl:otherwise>
<xsl:text>&#10;&amp;#10;</xsl:text>
</xsl:otherwise>
</xsl:choose>
</xsl:for-each>
<xsl:choose>
<xsl:when test="count(//rap:RapSheet/rap:RapSheetPerson/nc:PersonBirthLocation/nc:LocationName) &gt; 0">
<xsl:choose>
<xsl:when test="count(//rap:RapSheet/rap:RapSheetPerson/nc:PersonCitizenshipText) &gt; 0">
<xsl:choose>
<xsl:when test="count(//rap:RapSheet/rap:RapSheetPerson/rap:PersonEthnicityText) &gt; 0">
<xsl:text>Place of Birth          Citizenship             Ethnicity
</xsl:text>
</xsl:when>
</xsl:choose>
</xsl:otherwise>
<xsl:otherwise>
<xsl:text>Place of Birth          Citizenship
</xsl:text>
</xsl:otherwise>
</xsl:choose>
</xsl:otherwise>
</xsl:choose>
</xsl:choose>
</xsl:otherwise>
</xsl:choose>
<xsl:call-template name="spaceover">
  <xsl:with-param name="amount" select="$posCol2 - (string-length(.))"/>
  <xsl:with-param name="amountWrote" select="0"/>
</xsl:call-template>
<xsl:value-of select="//rap:RapSheet/rap:RapSheetPerson/nc:PersonCitizenshipText[$i]"/>
<xsl:variable name="metadataid">
  <xsl:value-of select="//rap:RapSheet/rap:RapSheetPerson/nc:PersonCitizenshipText[$i]/@s:metadata"/>
</xsl:variable>
<xsl:if test="//rap:RapSheet/rap:Metadata[@s:id=$metadataid]/nc:ReportedDate">
  <xsl:text>(</xsl:text>
  <xsl:value-of select="//rap:RapSheet/rap:Metadata[@s:id=$metadataid]/nc:ReportedDate"/>
  <xsl:text>)</xsl:text>
</xsl:if>
</xsl:when>
<xsl:otherwise>
  <xsl:call-template name="spaceover">
    <xsl:with-param name="amount" select="$posCol2 - string-length(.)"/>
    <xsl:with-param name="amountWrote" select="0"/>
  </xsl:call-template>
</xsl:otherwise>
</xsl:choose>
<!-- if there is a [column 3] at this index write it, else return -->
<xsl:when test="count(//rap:RapSheet/rap:RapSheetPerson/rap:PersonEthnicityText[$i]) > 0">
  <xsl:variable name="metadataid">
    <xsl:value-of select="//rap:RapSheet/rap:RapSheetPerson/nc:PersonCitizenshipText[$i]/@s:metadata"/>
  </xsl:variable>
  <xsl:choose>
    <xsl:when test="//rap:RapSheet/rap:Metadata[@s:id=$metadataid]/nc:ReportedDate">
      <xsl:call-template name="wrapIn">
        <xsl:with-param name="Text" select="//rap:RapSheet/rap:RapSheetPerson/rap:PersonEthnicityText[$i]"/>
        <xsl:with-param name="StartPos" select="$posCol3 - ($posCol2 + (string-length(//rap:RapSheet/rap:RapSheetPerson/nc:PersonCitizenshipText[$i]) + 13))"/>
        <xsl:with-param name="EndPos" select="$posMaxWidth"/>
        <xsl:with-param name="WrappedStartPos" select="$posCol3"/>
        <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
        <xsl:with-param name="WrappedWidth" select="$posMaxWidth + 1"/>
        <xsl:with-param name="initialRun" select="0"/>
      </xsl:call-template>
    </xsl:when>
    <xsl:otherwise>
      <xsl:call-template name="wrapIn">
        <xsl:with-param name="Text" select="//rap:RapSheet/rap:RapSheetPerson/rap:PersonEthnicityText[$i]"/>
        <xsl:with-param name="StartPos" select="$posCol3 - ($posCol2 + (string-length(//rap:RapSheet/rap:RapSheetPerson/nc:PersonCitizenshipText[$i])))"/>
        <xsl:with-param name="EndPos" select="$posMaxWidth"/>
        <xsl:with-param name="WrappedStartPos" select="$posCol3"/>
        <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
        <xsl:with-param name="WrappedWidth" select="$posMaxWidth + 1"/>
        <xsl:with-param name="initialRun" select="0"/>
      </xsl:call-template>
    </xsl:otherwise>
  </xsl:choose>
</xsl:when>
<xsl:otherwise>
  <xsl:call-template name="spaceover">
    <xsl:with-param name="amount" select="$posCol2 - string-length(.)"/>
    <xsl:with-param name="amountWrote" select="0"/>
  </xsl:call-template>
</xsl:otherwise>
</xsl:choose>
<xs:template match="//rap:RapSheet/rap:RapSheetPerson/rap:PersonEthnicityText">
  <xs:variable name="metadataid">
    <xs:value-of select="//rap:RapSheet/rap:RapSheetPerson/rap:PersonEthnicityText/@s:metadata"/>
  </xs:variable>
  <xs:variable name="i" select="position()"/>
  <xs:if test="$i > count(//rap:RapSheet/rap:RapSheetPerson/nc:PersonBirthLocation/nc:LocationName)">
    <xs:call-template name="spaceover">
      <xs:with-param name="amount" select="$posCol2"/>
      <xs:with-param name="amountWrote" select="0"/>
    </xs:call-template>
    <xs:value-of select="."/>
    <xs:if test="//rap:RapSheet/rap:Metadata[@s:id=$metadataid]/nc:ReportedDate">
      <xs:call-template name="spaceover">
        <xs:with-param name="amount" select="$posCol2"/>
        <xs:with-param name="amountWrote" select="0"/>
      </xs:call-template>
    </xs:if>
    <xs:value-of select="."/>
    <xs:if test="//rap:RapSheet/rap:Metadata[@s:id=$metadataid]/nc:ReportedDate">
      <xs:call-template name="spaceover">
        <xs:with-param name="amount" select="$posCol2"/>
        <xs:with-param name="amountWrote" select="0"/>
      </xs:call-template>
    </xs:if>
    <xs:if test="count(//rap:RapSheet/rap:RapSheetPerson/j:PersonBirthDate[$i]) &gt; 0">
      <!-- check to see if there is a [column 3] at the current index and write it if so -->
      <xs:choose>
        <xs:when test="/rap:RapSheet/rap:Metadata[@s:id=$metadataid]/nc:ReportedDate">
          <xs:call-template name="spaceover">
            <xs:with-param name="amount" select="$posCol3 - ($posCol2 + string-length(.)) + 13"/>
          </xs:call-template>
        </xs:when>
        <xs:otherwise>
          <xs:call-template name="spaceover">
            <xs:with-param name="amountWrote" select="0"/>
          </xs:call-template>
        </xs:otherwise>
      </xs:choose>
    </xs:if>
  </xs:if>
</xs:template>

13"/>
<xsl:if test="/rap:RapSheet/rap:Metadata[@s:id=$metadataid3]/nc:ReportedDate">
  <xsl:text> (<xsl:value-of select="/rap:RapSheet/rap:Metadata[@s:id=$metadataid3]/nc:ReportedDate"/>)</xsl:text>
</xsl:if>
<xsl:text>&amp;#10;&amp;#10;</xsl:text>
<xsl:when>
  <xsl:text>&amp;#10;&amp;#10;</xsl:text>
<xsl:otherwise>
  <xsl:text>&amp;#10;&amp;#10;</xsl:text>
</xsl:otherwise>
</xsl:choose>
<xsl:for-each>
<xsl:if test="count(//rap:RapSheet/rap:RapSheetPerson/nc:PersonReligionText) &gt;
  count(//rap:RapSheet/rap:RapSheetPerson/nc:PersonMaritalStatusText)"">
  <xsl:for-each select="/rap:RapSheet/rap:RapSheetPerson/nc:PersonReligionText">
    <xsl:if test="position() &gt; count(//rap:RapSheet/rap:RapSheetPerson/nc:PersonMaritalStatusText)"">
      <xsl:call-template name="spaceover">
        <xsl:with-param name="amount" select="$posCol2"/>
        <xsl:with-param name="amountWrote" select="0"/>
      </xsl:call-template>
    </xsl:if>
    <xsl:variable name="metadataid">
      <xsl:value-of select="/rap:RapSheet/rap:Metadata[@s:id=$metadataid]/@s:metadata"/>
    </xsl:variable>
    <xsl:if test="/rap:RapSheet/rap:Metadata[@s:id=$metadataid]/nc:ReportedDate">
      <xsl:text> (<xsl:value-of select="/rap:RapSheet/rap:Metadata[@s:id=$metadataid]/nc:ReportedDate"/>)</xsl:text>
    </xsl:if>
    <xsl:if test="&amp;#10;"/>
  </xsl:if>
</xsl:for-each>
</xsl:if>
<!-- Employment -->
<xsl:choose>
  <xsl:when test="count(//rap:RapSheet/nc:PersonEmploymentAssociation) &gt; 0"/>
  <xsl:text>Employment &amp;#10;</xsl:text>
  <xsl:when>
    <xsl:text></xsl:text>
  </xsl:otherwise/>
</xsl:choose>
<!-- -->
<xsl:for-each select="//rap:RapSheet/nc:PersonEmploymentAssociation">
  <xsl:variable name="metadataid">
    <xsl:value-of select="./@s:metadata"/>
  </xsl:variable>
  <xsl:if test="//rap:Metadata[@s:id=$metadataid]/nc:ReportedDate">
    <!-- If there is a reference date print it -->
    <xsl:text>Employment as of </xsl:text>
    <xsl:value-of select="//rap:Metadata[@s:id=$metadataid]/nc:ReportedDate/nc:Date"/>
  </xsl:if>
  <xsl:text>Occupation</xsl:text>
  <xsl:call-template name="wrapIn"
    Text="./nc:EmployeeOccupationText"
    StartPos="$posCol2 - 10"
    EndPos="$posMaxWidth"
    WrapedStartPos="$posCol2"
    CurrentPos="$posMaxWidth + 1"
    WrapWidth="$posMaxWidth + 1"
    initialRun="0"/>
  <xsl:text>Employer</xsl:text>
  <xsl:call-template name="wrapIn"
    Text="./nc:Employer/nc:EntityOrganization/nc:OrganizationName"
    StartPos="$posCol2 - 8"
    EndPos="$posMaxWidth"
    WrapedStartPos="$posCol2"
    CurrentPos="$posMaxWidth + 1"
    WrapWidth="$posMaxWidth + 1"
    initialRun="0"/>
  <xsl:variable name="metadataid2">
    <xsl:value-of select="./nc:EmploymentLocationReference/@s:ref"/>
  </xsl:variable>
  <xsl:if test="//nc:Location[@s:id=$metadataid2]/nc:LocationAddress">
    <xsl:text>Location</xsl:text>
    <xsl:call-template name="wrapIn"
      Text="./nc:Location[@s:id=$metadataid2]/nc:LocationAddress/nc:StructuredAddress/nc:AddressFullText"
      StartPos="$posCol2 - 8"
      EndPos="$posMaxWidth"
      WrapedStartPos="$posCol2"
      CurrentPos="$posMaxWidth + 1"
      WrapWidth="$posMaxWidth + 1"
      initialRun="0"/>
  </xsl:if>
</xsl:for-each>
<xsl:if test="/nc:Location[@s:id=$metadataid2]/nc:LocationAddress/nc:StructuredAddress/nc:LocationCityName,
  /nc:Location[@s:id=$metadataid2]/nc:LocationAddress/nc:StructuredAddress/nc:LocationStateName,
  /nc:Location[@s:id=$metadataid2]/nc:LocationAddress/nc:StructuredAddress/nc:LocationCountyName,
  /nc:Location[@s:id=$metadataid2]/nc:LocationAddress/nc:StructuredAddress/nc:LocationPostalCode,
  /nc:Location[@s:id=$metadataid2]/nc:LocationAddress/nc:StructuredAddress/nc:LocationPostalExtensionCode,
  /nc:Location[@s:id=$metadataid2]/nc:LocationAddress/nc:StructuredAddress/nc:LocationCountryName"/>
  <xsl:call-template name="wrapIn">
    <xsl:with-param name="Text" select="concat(/nc:Location[@s:id=$metadataid2]/nc:LocationAddress/nc:StructuredAddress/nc:LocationCityName,
             /nc:Location[@s:id=$metadataid2]/nc:LocationAddress/nc:StructuredAddress/nc:LocationStateName,
             /nc:Location[@s:id=$metadataid2]/nc:LocationAddress/nc:StructuredAddress/nc:LocationCountyName)"/>
    <xsl:with-param name="StartPos" select="$posCol2"/>
    <xsl:with-param name="EndPos" select="$posMaxWidth"/>
    <xsl:with-param name="WrappedStartPos" select="$posCol2"/>
    <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
    <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
    <xsl:with-param name="initialRun" select="0"/>
  </xsl:call-template>
  <xsl:with-param name="#10" select="/"/>
</xsl:if>
</xsl:for-each>
 <!-- Residence -->
<xsl:choose>
  <xsl:when test="/rap:RapSheet/nc:ResidenceAssociation &gt; 0">
    <xsl:variable name="metadataid">
      <xsl:value-of select="%metadataid2"/>
    </xsl:variable>
    <xsl:text>Residence as of </xsl:text>
    <xsl:for-each select="/rap:RapSheet/nc:ResidenceAssociation">
      <xsl:text>Residence &amp;#10;</xsl:text>
    </xsl:for-each>
  </xsl:when>
  <xsl:otherwise/>
</xsl:choose>
<!-- Residence -->
<xsl:choose>
  <xsl:when test="/rap:RapSheet/nc:ResidenceAssociation &gt; 0">
    <xsl:variable name="metadataid">
      <xsl:value-of select="%metadataid2"/>
    </xsl:variable>
    <xsl:text>Residence as of </xsl:text>
    <xsl:for-each select="/rap:RapSheet/nc:ResidenceAssociation">
      <xsl:text>Residence &amp;#10;</xsl:text>
    </xsl:for-each>
  </xsl:when>
  <xsl:otherwise/>
</xsl:choose>
<!-- Residence -->
<xsl:variable name="metadataid2">
<xsl:value-of select="nc:LocationReference/@s:ref"/>
</xsl:variable>

<xsl:if test="count(//rap:Metadata[@s:id=$metadataid]/nc:ReportedDate) &gt; 0">
<!-- If there is a reference date print it -->
<xsl:value-of select="//rap:Metadata[@s:id=$metadataid]/nc:ReportedDate"/>
</xsl:if>

<xsl:choose>
  <xsl:when test="//nc:Location[@s:id=$metadataid2]/nc:LocationAddress/nc:StructuredAddress/nc:BuildingName">
    <xsl:call-template name="wrapIn">
      <xsl:with-param name="Text" select="//nc:Location[@s:id=$metadataid2]/nc:LocationAddress/nc:StructuredAddress/nc:BuildingName"/>
      <xsl:with-param name="StartPos" select="$posCol2 - 17"/>
      <xsl:with-param name="EndPos" select="$posMaxWidth"/>
      <xsl:with-param name="WrappedStartPos" select="$posCol2"/>
      <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
      <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
      <xsl:with-param name="initialRun" select="0"/>
    </xsl:call-template>
  </xsl:when>
  <xsl:when test="//nc:Location[@s:id=$metadataid2]/nc:LocationAddress/nc:AddressFullText">
    <xsl:call-template name="wrapIn">
      <xsl:with-param name="Text" select="//nc:Location[@s:id=$metadataid2]/nc:LocationAddress/nc:AddressFullText"/>
      <xsl:with-param name="StartPos" select="$posCol2"/>
      <xsl:with-param name="EndPos" select="$posMaxWidth"/>
      <xsl:with-param name="WrappedStartPos" select="$posCol2"/>
      <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
      <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
      <xsl:with-param name="initialRun" select="0"/>
    </xsl:call-template>
  </xsl:when>
  <xsl:otherwise>
    <xsl:if test="//nc:Location[@s:id=$metadataid2]/nc:LocationAddress/nc:StructuredAddress/nc:LocationStreet/nc:StreetFullText">
      <xsl:call-template name="wrapIn">
        <xsl:with-param name="Text" select="//nc:Location[@s:id=$metadataid2]/nc:LocationAddress/nc:StructuredAddress/nc:LocationStreet/nc:StreetFullText"/>
        <xsl:with-param name="StartPos" select="$posCol2"/>
        <xsl:with-param name="EndPos" select="$posMaxWidth"/>
        <xsl:with-param name="WrappedStartPos" select="$posCol2"/>
        <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
        <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
        <xsl:with-param name="initialRun" select="0"/>
      </xsl:call-template>
    </xsl:if>
  </xsl:otherwise>
</xsl:choose>
<xsl:call-template name="wrapIn">
  <xsl:with-param name="Text" select="concat('County: ', //nc:Location[@s:id=$metadataid2]/nc:LocationAddress/nc:StructuredAddress/nc:LocationCountyName)"/>
  <xsl:with-param name="StartPos" select="$posCol2"/>
  <xsl:with-param name="EndPos" select="$posMaxWidth"/>
  <xsl:with-param name="WrappedStartPos" select="$posCol2"/>
  <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
  <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
  <xsl:with-param name="initialRun" select="0"/>
</xsl:call-template>
<xsl:text>&#10;</xsl:text>
</xsl:if>
</xsl:choose>
<xsl:when test="/count(//nc:LocationContactInformation) &gt; 0">
<!-- if there is a telephone number, write it -->
<xsl:for-each select="/nc:LocationContactInformation">
  <xsl:choose>
    <xsl:when test="/j:ContactTelephoneNumber/j:TelephoneNumberFullID &gt; 0">
<!-- if standard phone format, format it accordingly -->
<xsl:call-template name="wrapIn">
  <xsl:with-param name="Text" select="/j:ContactTelephoneNumber/j:TelephoneNumberFullID"/>
  <xsl:with-param name="StartPos" select="$posCol2 - 9"/>
  <xsl:with-param name="EndPos" select="$posMaxWidth"/>
  <xsl:with-param name="WrappedStartPos" select="$posCol2"/>
  <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
  <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
  <xsl:with-param name="initialRun" select="0"/>
</xsl:call-template>
</xsl:when>
<xsl:otherwise/>
</xsl:choose>
</xsl:when>
<xsl:otherwise>
<xsl:text>&#10;</xsl:text>
</xsl:for-each>
</xsl:when>
<xsl:otherwise>
<xsl:text>&#10;</xsl:text>
</xsl:otherwise>
</xsl:choose>
</xsl:for-each>
<!-- Fingerprint Images -->
Fingerprint Images

<xsl:text>Fingerprint Image Available</xsl:text>

<xsl:call-template name="wrapIn">
  <xsl:with-param name="StartPos" select="$amtColSpacer"/>
  <xsl:with-param name="EndPos" select="$posMaxWidth"/>
  <xsl:with-param name="WrappedStartPos" select="$posCol2"/>
  <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
  <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
  <xsl:with-param name="initialRun" select="0"/>
</xsl:call-template>

<xsl:text>Available Image</xsl:text>

<xsl:call-template name="wrapIn">
  <xsl:with-param name="Text" select="ansi-nist:FingerprintPositionCode"/>
  <xsl:with-param name="StartPos" select="$amtColSpacer"/>
  <xsl:with-param name="EndPos" select="$posMaxWidth"/>
  <xsl:with-param name="WrappedStartPos" select="$posCol2"/>
  <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
  <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
  <xsl:with-param name="initialRun" select="0"/>
</xsl:call-template>

<xsl:text>Capture Date</xsl:text>

<xsl:call-template name="wrapIn">
  <xsl:with-param name="Text" select="nc:BiometricImage/nc:BinaryCaptureDate/nc:Date"/>
  <xsl:with-param name="StartPos" select="$amtColSpacer"/>
  <xsl:with-param name="EndPos" select="$posMaxWidth"/>
  <xsl:with-param name="WrappedStartPos" select="$posCol2"/>
  <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
  <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
  <xsl:with-param name="initialRun" select="0"/>
</xsl:call-template>

<xsl:text>Download URL</xsl:text>
<xsl:call-template name="wrapIn">
  <xsl:with-param name="Text" select="nc:BiometricImage/nc:BinaryLocationURI"/>
  <xsl:with-param name="StartPos" select="$amtColSpacer"/>
  <xsl:with-param name="EndPos" select="$posMaxWidth"/>
  <xsl:with-param name="WrappedStartPos" select="$posCol2"/>
  <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
  <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
  <xsl:with-param name="initialRun" select="0"/>
</xsl:call-template>
<xsl:text>&amp;#10;</xsl:text>
</xsl:if>
<xsl:choose>
  <xsl:when test="nc:BiometricImage/nc:BinaryBase64Object">
    <xsl:call-template name="wrapIn">
      <xsl:with-param name="StartPos" select="$amtColSpacer"/>
      <xsl:with-param name="EndPos" select="$posMaxWidth"/>
      <xsl:with-param name="WrappedStartPos" select="$posCol2"/>
      <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
      <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
      <xsl:with-param name="initialRun" select="0"/>
    </xsl:call-template>
  </xsl:when>
  <xsl:when test="nc:BiometricImage/nc:BinaryDescriptionText">
    <xsl:call-template name="wrapIn">
      <xsl:with-param name="Text" select="concat('Comment:', nc:BiometricImage/nc:BinaryDescriptionText)"/>
      <xsl:with-param name="StartPos" select="$amtColSpacer"/>
      <xsl:with-param name="EndPos" select="$posMaxWidth"/>
      <xsl:with-param name="WrappedStartPos" select="$posCol2"/>
      <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
      <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
      <xsl:with-param name="initialRun" select="0"/>
    </xsl:call-template>
  </xsl:when>
  <xsl:otherwise>
    <xsl:call-template name="wrapIn">
      <xsl:with-param name="Text" select="concat('&amp;#10; Comment:', nc:BiometricImage/nc:BinaryDescriptionText)"/>
      <xsl:with-param name="StartPos" select="$amtColSpacer"/>
      <xsl:with-param name="EndPos" select="$posMaxWidth"/>
      <xsl:with-param name="WrappedStartPos" select="$posCol2"/>
      <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
      <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
      <xsl:with-param name="initialRun" select="0"/>
    </xsl:call-template>
  </xsl:otherwise>
</xsl:choose>
</xsl:if>
</xsl:when>
<xsl:text>)(No Fingerprint Image Transmitted  </xsl:text>
<xsl:if test="nc:BinaryCaptureDate/nc:Date">
<xsl:text>Capture Date</xsl:text>
</xsl:if>
<xsl:call-template name="wrapIn">
  <xsl:with-param name="Text" select="nc:BinaryCaptureDate/nc:Date"/>
  <xsl:with-param name="StartPos" select="$amtColSpacer"/>
  <xsl:with-param name="EndPos" select="$posMaxWidth"/>
  <xsl:with-param name="WrappedStartPos" select="$posCol2"/>
  <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
  <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
  <xsl:with-param name="initialRun" select="0"/>
</xsl:call-template>
<xsl:text>&#10;</xsl:text>
</xsl:if>
<xsl:if test="nc:BiometricImage/nc:BinaryLocationURI">
<xsl:text>Download URL</xsl:text>
</xsl:if>
<xsl:call-template name="wrapIn">
  <xsl:with-param name="Text" select="nc:BiometricImage/nc:BinaryLocationURI"/>
  <xsl:with-param name="StartPos" select="$amtColSpacer"/>
  <xsl:with-param name="EndPos" select="$posMaxWidth"/>
  <xsl:with-param name="WrappedStartPos" select="$posCol2"/>
  <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
  <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
  <xsl:with-param name="initialRun" select="0"/>
</xsl:call-template>
<xsl:text>&#10;</xsl:text>
</xsl:if>
<xsl:choose>
<xsl:when test="nc:BinaryBase64Object">
<xsl:text>(Transmitted Image Suppressed: &amp;#10;</xsl:text>
<xsl:call-template name="wrapIn">
  <xsl:with-param name="Text" select="concat('Type:',nc:BinaryTypeText, ' Format:',nc:BinaryFormatID, ' Size:',nc:BinarySizeValue,'K')"/>
  <xsl:with-param name="StartPos" select="$amtColSpacer"/>
  <xsl:with-param name="EndPos" select="$posMaxWidth"/>
  <xsl:with-param name="WrappedStartPos" select="$posCol2"/>
  <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
  <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
  <xsl:with-param name="initialRun" select="0"/>
</xsl:call-template>
<xsl:text>&amp;#10;</xsl:text>
</xsl:when>
<xsl:if test="nc:BinaryDescriptionText">
<xsl:call-template name="wrapIn">
  <xsl:with-param name="Text" select="concat('Comment:',nc:BinaryDescriptionText,')')"/>
  <xsl:with-param name="StartPos" select="$amtColSpacer"/>
  <xsl:with-param name="EndPos" select="$posMaxWidth"/>
  <xsl:with-param name="WrappedStartPos" select="$posCol2"/>
  <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
  <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
  <xsl:with-param name="initialRun" select="0"/>
</xsl:call-template>
</xsl:if>
</xsl:choose>
<xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
<xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
<xsl:with-param name="initialRun" select="0"/>

</xsl:call-template>
</xsl:if>
<xsl:text>&#10;</xsl:text>
</xsl:when>
<xsl:otherwise>
<xsl:text>(No Photo Image Transmitted</xsl:text>
<xsl:if test="nc:BinaryDescriptionText">
<xsl:call-template name="wrapIn">
<xsl:with-param name="Text" select="concat('&amp;#10;Comment: ',nc:BinaryDescriptionText)"/>
<xsl:with-param name="StartPos" select="$amtColSpacer"/>
<xsl:with-param name="EndPos" select="$posMaxWidth"/>
<xsl:with-param name="WrappedStartPos" select="$posCol2"/>
<xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
<xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
<xsl:with-param name="initialRun" select="0"/>
</xsl:call-template>
</xsl:if>
</xsl:text>
</xsl:otherwise>
</xsl:choose>
</xsl:for-each>
</xsl:otherwise>
</xsl:choose>

<xsl:if test="'/rap:RapSheet/rap:PersonBiometricsAssociation/rap:PersonBiometrics/rap:PersonDNA"">
<xsl:text>&#10;</xsl:text>
</xsl:if>
<xsl:if test="'/rap:RapSheet/rap:PersonBiometricsAssociation/rap:PersonBiometrics/rap:PersonDNA"">
<xsl:text>&#10;</xsl:text>
</xsl:if>
<xsl:for-each select="'/rap:RapSheet/rap:PersonBiometricsAssociation/rap:PersonBiometrics/rap:PersonDNA"">
<xsl:if test="nc:BiometricCaptureDate/nc:Date"">
<xsl:text>DNA Sample Taken</xsl:text>
<xsl:call-template name="wrapIn">
<xsl:with-param name="Text" select="nc:BiometricCaptureDate/nc:Date"/>
<xsl:with-param name="StartPos" select="$amtColSpacer"/>
<xsl:with-param name="EndPos" select="$posMaxWidth"/>
<xsl:with-param name="WrappedStartPos" select="$posCol2"/>
<xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
<xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
<xsl:with-param name="initialRun" select="0"/>
</xsl:call-template>
</xsl:if>
<xsl:text>&#10;</xsl:text>
</xsl:for-each>
</xsl:if>
<xsl:if test="nc:BiometricImage/nc:BinaryCapturer/nc:EntityOrganization/nc:OrganizationName"">
<xsl:text>DNA Information Available</xsl:text>
<xsl:call-template name="wrapIn">
</xsl:call-template>
</xsl:if>

<xsl:if test="/rap:RapSheet/rap:Metadata[@s:id=$metadataid]/nc:ReportedDate and /rap:RapSheet/rap:Metadata[@s:id=$metadataid]/nc:ReportingOrganizationText">
  <xsl:text>; </xsl:text>
</xsl:if>
<xsl:if test="/rap:RapSheet/rap:Metadata[@s:id=$metadataid]/nc:ReportedDate">
  <xsl:text>);
</xsl:if>
<xsl:value-of select="/rap:RapSheet/rap:Metadata[@s:id=$metadataid]/nc:ReportedDate"/>
<xsl:text>
</xsl:if>
</xsl:variable>
<!-- djr(19-mar-03) Write out the Description Info now that it is all formatted. -->
<xsl:call-template name="wrapIn">
  <xsl:with-param name="Text" select="$CautionInfo"/>
  <xsl:with-param name="StartPos" select="$posCol2 - 7"/>
  <xsl:with-param name="EndPos" select="$posMaxWidth"/>
  <xsl:with-param name="WrappedStartPos" select="$posCol2"/>
  <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
  <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
  <xsl:with-param name="initialRun" select="0"/>
</xsl:call-template>
</xsl:for-each>
<!-- Notice -->
<xsl:for-each select="/rap:RapSheet/rap:RapSheetPerson/j:SubjectOffenderNoticeText">
  <xsl:variable name="metadataid">
    <xsl:value-of select="/rap:RapSheet/rap:RapSheetPerson/j:SubjectOffenderNoticeText/@s:metadata"/>
  </xsl:variable>
  <xsl:variable name="NoticeInfo">
    <xsl:value-of select="."/>
    <xsl:if test="/rap:RapSheet/rap:Metadata[@s:id=$metadataid]/nc:ReportedDate or /rap:RapSheet/rap:Metadata[@s:id=$metadataid]/nc:ReportingOrganizationText">
      <xsl:text>;
</xsl:text>
      <xsl:if test="/rap:RapSheet/rap:Metadata[@s:id=$metadataid]/nc:ReportingOrganizationText">
        <xsl:value-of select="/rap:RapSheet/rap:Metadata[@s:id=$metadataid]/nc:ReportingOrganizationText"/>
      </xsl:if>
    </xsl:if>
    <xsl:value-of select="."/>
  </xsl:variable>
  <xsl:value-of select="."/>
  <xsl:if test="/rap:RapSheet/rap:Metadata[@s:id=$metadataid]/nc:ReportedDate or /rap:RapSheet/rap:Metadata[@s:id=$metadataid]/nc:ReportingOrganizationText">
    <xsl:text>);
</xsl:text>
  </xsl:if>
</xsl:for-each>
<xsl:call-template name="wrapIn">
  <xsl:with-param name="Text" select="$NoticeInfo"/>
  <xsl:with-param name="StartPos" select="$posCol2 - (6)"/>
  <xsl:with-param name="EndPos" select="$posMaxWidth"/>
</xsl:call-template>
</xsl:for-each>
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<xsl:with-param name="WrappedStartPos" select="$posCol2"/>
<xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
<xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
<xsl:with-param name="initialRun" select="0"/>

</xsl:call-template>
</xsl:for-each>
<xsl:text>&#10;</xsl:text>
</xsl:call-template>

<xsl:if test="/rap:RapSheet/rap:RapSheetCycle">
<xsl:for-each select="/rap:RapSheet/rap:RapSheetCycle">

<xsl:variable name="Cycle-number" select="position()"/>
<xsl:text>=============================== Cycle </xsl:text>
<xsl:value-of select="format-number($Cycle-number, '#000')"/>
<xsl:text>===============================
</xsl:text>

<xsl:if test="/rap:CycleTrackingIdentificationID">
<xsl:call-template name="wrapIn">
<xsl:with-param name="Text" select="/rap:CycleTrackingIdentificationID"/>
<xsl:with-param name="StartPos" select="$posCol2 - 15"/>
<xsl:with-param name="EndPos" select="$posMaxWidth"/>
<xsl:with-param name="WrappedStartPos" select="$posCol2"/>
<xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
<xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
<xsl:with-param name="initialRun" select="0"/>
</xsl:call-template>
</xsl:if>

<xsl:variable name="Cycle-number" select="position()"/>
<xsl:text>Earliest Event Date </xsl:text>
<xsl:call-template name="wrapIn">
<xsl:with-param name="Text" select="/rap:CycleEarliestDate/nc:Date"/>
<xsl:with-param name="StartPos" select="$posCol2 - 19"/>
<xsl:with-param name="EndPos" select="$posMaxWidth"/>
<xsl:with-param name="WrappedStartPos" select="$posCol2"/>
<xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
<xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
<xsl:with-param name="initialRun" select="0"/>
</xsl:call-template>

<xsl:if test="/rap:Incident/nc:ActivityDate/nc:Date">
<xsl:call-template name="wrapIn">
<xsl:with-param name="Text" select="/rap:Incident/nc:ActivityDate/nc:Date"/>
<xsl:with-param name="StartPos" select="$posCol2 - 15"/>
<xsl:with-param name="EndPos" select="$posMaxWidth"/>
<xsl:with-param name="WrappedStartPos" select="$posCol2"/>
<xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
<xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
<xsl:with-param name="initialRun" select="0"/>
</xsl:call-template>
</xsl:if>
</xsl:for-each>
</xsl:if-test>
</xsl:for-each>
</xsl:call-template>
</xsl:if-test>
</xsl:if-test>
</xsl:for-each>
</xsl:call-template>
</xsl:if-test>
</xsl:if-test>
</xsl:call-template>
</xsl:if-test>
</xsl:if-test>
</xsl:for-each>
</xsl:call-template>
</xsl:if-test>
</xsl:if-test>
</xsl:for-each>
</xsl:call-template>
</xsl:if-test>
</xsl:if-test>
</xsl:call-template>
</xsl:if-test>

---

<xsl:if test="/rap:CycleEarliestDate/nc:Date">
<xsl:call-template name="wrapIn">
<xsl:with-param name="Text" select="/rap:CycleEarliestDate/nc:Date"/>
<xsl:with-param name="StartPos" select="$posCol2 - 19"/>
<xsl:with-param name="EndPos" select="$posMaxWidth"/>
<xsl:with-param name="WrappedStartPos" select="$posCol2"/>
<xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
<xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
<xsl:with-param name="initialRun" select="0"/>
</xsl:call-template>
</xsl:if-test>
</xsl:call-template>
</xsl:if-test>
</xsl:for-each>
</xsl:call-template>
</xsl:if-test>
</xsl:if-test>

---

<xsl:if test="/rap:Incident/nc:ActivityDate/nc:Date">
<xsl:call-template name="wrapIn">
<xsl:with-param name="Text" select="/rap:Incident/nc:ActivityDate/nc:Date"/>
<xsl:with-param name="StartPos" select="$posCol2 - 19"/>
<xsl:with-param name="EndPos" select="$posMaxWidth"/>
<xsl:with-param name="WrappedStartPos" select="$posCol2"/>
<xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
<xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
<xsl:with-param name="initialRun" select="0"/>
</xsl:call-template>
</xsl:if-test>
</xsl:call-template>
</xsl:if-test>
</xsl:call-template>

---

<xsl:if test="/rap:Incident/nc:ActivityDate/nc:Date">
<xsl:call-template name="wrapIn">
<xsl:with-param name="Text" select="/rap:Incident/nc:ActivityDate/nc:Date"/>
<xsl:with-param name="StartPos" select="$posCol2 - 19"/>
<xsl:with-param name="EndPos" select="$posMaxWidth"/>
<xsl:with-param name="WrappedStartPos" select="$posCol2"/>
<xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
<xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
<xsl:with-param name="initialRun" select="0"/>
</xsl:call-template>
</xsl:if-test>
</xsl:call-template>
<xsl:call-template name="wrapIn">
  <xsl:with-param name="Text" select="./rap:Incident/nc:ActivityDate/nc:Date"/>
  <xsl:with-param name="StartPos" select="$posCol2 - (14)"/>
  <xsl:with-param name="EndPos" select="$posMaxWidth"/>
  <xsl:with-param name="WrappedStartPos" select="$posCol2"/>
  <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
  <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
  <xsl:with-param name="initialRun" select="0"/>
</xsl:call-template>
</xsl:if>

<!-- Arrest Section -->
<xsl:for-each select="rap:Arrest">
  <!-- Print Arrest Info -->
  <xsl:text>&#10;------------------------------------------------------------------------</xsl:text>
  <xsl:variable name="linkid">
    <xsl:value-of select="./j:ArrestAgencyRecordIdentification/nc:IdentificationID"/>
  </xsl:variable>
  <xsl:if test=".//rap:ArrestAgencyAssociation[nc:ActivityReference/@s:ref=$linkid]">
    <xsl:call-template name="wrapIn">
      <xsl:with-param name="Text" select="./nc:ActivityDate/nc:Date"/>
      <xsl:with-param name="StartPos" select="$posCol2 - (11)"/>
      <xsl:with-param name="EndPos" select="$posMaxWidth"/>
      <xsl:with-param name="WrappedStartPos" select="$posCol2"/>
      <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
      <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
      <xsl:with-param name="initialRun" select="0"/>
    </xsl:call-template>
  </xsl:if>
  <xsl:text>&amp;#10;</xsl:text>
</xsl:for-each>

<!-- Arrest Section -->
<xsl:if test="j:ArrestAgencyRecordIdentification">
  <xsl:call-template name="wrapIn">
    <xsl:with-param name="Text" select="./j:ArrestAgencyRecordIdentification/nc:IdentificationID"/>
    <xsl:with-param name="StartPos" select="$posCol2 - (18)"/>
    <xsl:with-param name="EndPos" select="$posMaxWidth"/>
    <xsl:with-param name="WrappedStartPos" select="$posCol2"/>
    <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
    <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
    <xsl:with-param name="initialRun" select="0"/>
  </xsl:call-template>
</xsl:if>

<xsl:text>&amp;#10;</xsl:text>

<xsl:if test="//rap:ArrestAgencyAssociation[nc:ActivityReference/@s:ref=$linkid]">
<xsl:variable name="agencyid">
<xsl:value-of

</xsl:variable>
<xsl:text>Arresting Agency</xsl:text>
<xsl:call-template name="wrapIn">
<xsl:with-param name="StartPos" select="$posCol2 - (16)"/>
<xsl:with-param name="EndPos" select="$posMaxWidth"/>
<xsl:with-param name="WrappedStartPos" select="$posCol2"/>
<xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
<xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
<xsl:with-param name="initialRun" select="0"/>
</xsl:call-template>
<xsl:text>&#10;</xsl:text>
</xsl:variable>

<xsl:if test="/rap:ArrestSubject">
<xsl:text>Subject's Name</xsl:text>
</xsl:if>

<xsl:for-each select="/rap:ArrestSubject/rap:SubjectFullName">
<cl> Name -->
<xsl:variable name="i" select="position()"/>
<xsl:choose>
<xsl:when test="$i = 1"> 
<xsl:call-template name="spaceover">
<xsl:with-param name="amount" select="$posCol2 - 14"/>
<xsl:with-param name="amountWrote" select="0"/>
</xsl:call-template>
</xsl:when>
<xsl:otherwise>
<xsl:call-template name="spaceover">
<xsl:with-param name="amount" select="$posCol2"/>
<xsl:with-param name="amountWrote" select="0"/>
</xsl:call-template>
</xsl:otherwise>
</xsl:choose> 
<xsl:value-of select="."/>
<xsl:text>&#10;</xsl:text>
</xsl:if>

<!-- Removed Dashes 09/07 -->
<xsl:if test="/rap:ArrestSubject/j:SubjectIdentification/nc:IdentificationID">
<xsl:text>Offender Id Number</xsl:text>
</xsl:if>
<xsl:for-each select="/rap:ArrestRecord">
  <xsl:call-template name="wrapIn">
    <xsl:with-param name="Text" select="/rap:ArrestSubject/j:SubjectIdentification/nc:IdentificationID"/>
    <xsl:with-param name="StartPos" select="$posCol2 - (22)"/>
    <xsl:with-param name="EndPos" select="$posMaxWidth"/>
    <xsl:with-param name="WrappedStartPos" select="$posCol2"/>
    <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
    <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
    <xsl:with-param name="initialRun" select="0"/>
  </xsl:call-template>

  <xsl:if test="./nc:ActivityCategoryText">
    <xsl:text>Arrest Type </xsl:text>
    <xsl:call-template name="wrapIn">
      <xsl:with-param name="Text" select="./nc:ActivityCategoryText"/>
      <xsl:with-param name="StartPos" select="$posCol2 - (22)"/>
      <xsl:with-param name="EndPos" select="$posMaxWidth"/>
      <xsl:with-param name="WrappedStartPos" select="$posCol2"/>
      <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
      <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
      <xsl:with-param name="initialRun" select="0"/>
    </xsl:call-template>
  </xsl:if>

  <xsl:if test="./nc:ActivityDescriptionText">
    <xsl:text>Comment(s) </xsl:text>
    <xsl:call-template name="wrapIn">
      <xsl:with-param name="Text" select="normalize-space(.)"/>
      <xsl:with-param name="StartPos" select="$posCol2 - (22)"/>
      <xsl:with-param name="EndPos" select="$posMaxWidth"/>
      <xsl:with-param name="WrappedStartPos" select="$posCol2"/>
      <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
      <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
      <xsl:with-param name="initialRun" select="0"/>
    </xsl:call-template>
  </xsl:if>

  <xsl:for-each select="./j:ArrestCharge">
    <xsl:call-template name="PrintCharge">
      <xsl:with-param name="Charge" select="."/>
    </xsl:call-template>
  </xsl:for-each>
</xsl:for-each>

<!-- Booking Section -->
<xsl:for-each select="rap:Booking">
  <xsl:text>&#10;</xsl:text>
</xsl:for-each>
</xsl:for-each>
</rap:ArrestRecord>
<xsl:text>Prosecutor Case Number</xsl:text>
<xsl:call-template name="wrapIn">
  <xsl:with-param name="Text" select="./rap:ProsecutionAgencyRecordIdentification/nc:IdentificationID"/>
  <xsl:with-param name="StartPos" select="$posCol2 - 22"/>
  <xsl:with-param name="EndPos" select="$posMaxWidth"/>
  <xsl:with-param name="WrappedStartPos" select="$posCol2"/>
  <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
  <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
  <xsl:with-param name="initialRun" select="0"/>
</xsl:call-template>
<xsl:text>&#10;</xsl:text>
</xsl:if>
<xsl:if test="./nc:ActivityDate/nc:Date">
  <xsl:text>Prosecution Date</xsl:text>
  <xsl:call-template name="wrapIn">
    <xsl:with-param name="Text" select="./nc:ActivityDate/nc:Date"/>
    <xsl:with-param name="StartPos" select="$posCol2 - 16"/>
    <xsl:with-param name="EndPos" select="$posMaxWidth"/>
    <xsl:with-param name="WrappedStartPos" select="$posCol2"/>
    <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
    <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
    <xsl:with-param name="initialRun" select="0"/>
  </xsl:call-template>
  <xsl:text>&#10;</xsl:text>
</xsl:if>
</xsl:if>
</xsl:if>
<xsl:if test="//rap:ProsecutionAgencyAssociation[rap:ProsecutionReference/@s:ref=$linkid]">
  <xsl:text>Prosecutor Agency</xsl:text>
  <xsl:call-template name="wrapIn">
    <xsl:with-param name="StartPos" select="$posCol2 - 17"/>
    <xsl:with-param name="EndPos" select="$posMaxWidth"/>
    <xsl:with-param name="WrappedStartPos" select="$posCol2"/>
    <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
    <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
    <xsl:with-param name="initialRun" select="0"/>
  </xsl:call-template>
  <xsl:text>&#10;</xsl:text>
</xsl:if>
<xsl:if test="./rap:ProsecutionSubject/j:PersonName">
  <xsl:text>Prosecutor Name</xsl:text>
  <xsl:call-template name="wrapIn">
    <xsl:with-param name="Text" select="./rap:ProsecutionSubject/j:PersonName"/>
    <xsl:with-param name="StartPos" select="$posCol2 - 17"/>
    <xsl:with-param name="EndPos" select="$posMaxWidth"/>
    <xsl:with-param name="WrappedStartPos" select="$posCol2"/>
    <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
    <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
    <xsl:with-param name="initialRun" select="0"/>
  </xsl:call-template>
  <xsl:text>&#10;</xsl:text>
</xsl:if>
<xsl:text>Subject's Name</xsl:text>
</xsl:if>
<xsl:for-each select="./rap:ProsecutionSubject/rap:SubjectFullName">

<!-- Name -->
<xsl:variable name="i" select="position()"/>
<xsl:choose>
  <!-- determine the correct spacing before the write of name data -->
  <xsl:when test="$i = 1">
    <xsl:call-template name="spaceover">
      <xsl:with-param name="amount" select="$posCol2 - 14"/>
      <xsl:with-param name="amountWrote" select="0"/>
    </xsl:call-template>
  </xsl:when>
  <xsl:otherwise>
    <xsl:call-template name="spaceover">
      <xsl:with-param name="amount" select="$posCol2"/>
      <xsl:with-param name="amountWrote" select="0"/>
    </xsl:call-template>
  </xsl:otherwise>
</xsl:choose>
<xsl:value-of select="."/>
<xsl:text>&#10;</xsl:text>
</xsl:for-each>
<xsl:for-each select="./j:ProsecutionCharge">
  <xsl:call-template name="PrintCharge">
    <xsl:with-param name="Charge" select="."/>
  </xsl:call-template>
</xsl:for-each>
</xsl:for-each>

<!-- Court Disposition Section -->
<xsl:for-each select="rap:CourtAction">
  <xsl:variable name="linkid">
    <xsl:value-of select="./@s:id"/>
  </xsl:variable>
  <xsl:text>------------------------------------------------------------------------<xsl:text>&#10;</xsl:text>
  <xsl:text>Court Disposition (Cycle</xsl:text>
  <xsl:value-of select="format-number($Cycle-number,'#000')"/>
  <xsl:text>)</xsl:text>
  <xsl:text>&#10;</xsl:text>
  <xsl:if test="rap:CourtRecordIdentification/nc:IdentificationID">
    <xsl:text>Court Case Number</xsl:text>
    <xsl:call-template name="wrapin">
      <xsl:with-param name="Text" select="rap:CourtRecordIdentification/nc:IdentificationID"/>
      <xsl:with-param name="StartPos" select="$posCol2 - 17"/>
      <xsl:text>&#10;</xsl:text>
      <xsl:with-param name="EndPos" select="$posMaxWidth"/>
    </xsl:call-template>
  </xsl:if>
</xsl:for-each>
<xsl:with-param name="WrappedStartPos" select="$posCol2"/>
<xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
<xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
<xsl:with-param name="initialRun" select="0"/>
</xsl:call-template>
<xsl:text>&#10;</xsl:text>
</xsl:if>
<xsl:if test="//rap:CourtActionCourtAssociation[nc:ActivityReference/@s:ref=$linkid]">
  <xsl:variable name="agencyid">
    <xsl:value-of select="//rap:CourtActionCourtAssociation[nc:ActivityReference/@s:ref=$linkid]/j:CourtReference/@s:ref"/>
  </xsl:variable>
  <xsl:text>Court Agency</xsl:text>
  <xsl:call-template name="wrapIn">
    <xsl:with-param name="Text" select="concat(//rap:Court[@s:id=$agencyid]/j:OrganizationAugmentation/j:OrganizationORIIdentification/nc:IdentificationID,' ',//rap:Court[@s:id=$agencyid]/nc:OrganizationName)"/>
    <xsl:with-param name="StartPos" select="$posCol2 - 12"/>
    <xsl:with-param name="EndPos" select="$posMaxWidth"/>
    <xsl:with-param name="WrappedStartPos" select="$posCol2"/>
    <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
    <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
    <xsl:with-param name="initialRun" select="0"/>
  </xsl:call-template>
  <xsl:text>&#10;</xsl:text>
</xsl:if>
<xsl:if test=".//rap:CourtActionSubject/rap:SubjectFullName">
  <xsl:text>Subject's Name</xsl:text>
</xsl:if>
<xsl:for-each select=".//rap:CourtActionSubject/rap:SubjectFullName">
  <xsl:variable name="i" select="position()"/>
  <xsl:choose>
    <xsl:when test="$i = 1">
      <xsl:call-template name="spaceover">
        <xsl:with-param name="amount" select="$posCol2 - 14"/>
        <xsl:with-param name="amountWrote" select="0"/>
      </xsl:call-template>
    </xsl:when>
    <xsl:otherwise>
      <xsl:call-template name="spaceover">
        <xsl:with-param name="amount" select="$posCol2"/>
        <xsl:with-param name="amountWrote" select="0"/>
      </xsl:call-template>
    </xsl:otherwise>
  </xsl:choose>
</xsl:for-each>
<xsl:choose>
  <xsl:value-of select="."/>
  <xsl:text>&#10;</xsl:text>
</xsl:choose>
<xsl:for-each>
  <xsl:value-of select="."/>
  <xsl:text>&#10;</xsl:text>
</xsl:for-each>
<xsl:for-each select="/j:CourtCharge">
  <xsl:call-template name="PrintCharge">
    <xsl:with-param name="Charge" select="."/>
  </xsl:call-template>
</xsl:for-each>
<xsl:for-each>
  <xsl:value-of select="."/>
  <xsl:text>&#10;</xsl:text>
</xsl:for-each>
  <!-- Sentencing Section -->
<xsl:for-each select="/rap:Sentencing">
  <xsl:variable name="linkid" select="/nc:ActivityReference/@s:ref"
    value-of-group="/rap:SentencingCourtAssociation[j:CourtReference/@s:ref=
    $linkid]">
  <xsl:variable name="agencyid" value-of-group="/rap:SentencingCourtAssociation[
    nc:ActivityReference/@s:ref=$linkid]">
    <xsl:text>Sentencing Agency</xsl:text>
    <xsl:call-template name="wrapin">
      <xsl:with-param name="Text" select="/nc:ActivityDate/nc:Date"/>
      <xsl:with-param name="StartPos" select="$posCol2 - (13)"/>
      <xsl:with-param name="EndPos" select="$posMaxWidth"/>
      <xsl:with-param name="WrappedStartPos" select="$posCol2"/>
      <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
      <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
      <xsl:with-param name="initialRun" select="0"/>
    </xsl:call-template>
    <xsl:text>&#10;</xsl:text>
  </xsl:variable>
</xsl:for-each>
<xsl:call-template>
  <xsl:text>&#10;</xsl:text>
</xsl:for-each>
</xsl:choose>

<!-- End of Sentencing Loop -->

<!-- Corrections Section -->

<xsl:choose>
  <xsl:when test="count(rap:Supervision) &gt; 0">
    <xsl:text>&#10;------------------------------------------------------------------------</xsl:text>
    <xsl:for-each select="rap:Supervision">
    
      <xsl:variable name="linkid">
        <xsl:value-of select="./@s:id"/>
      </xsl:variable>
      
      <xsl:if test="//rap:SupervisionAgencyAssociation[rap:SupervisionReference/@s:ref=$linkid]">
        <xsl:variable name="agencyid">
        </xsl:variable>
        
        <xsl:call-template name="wrapIn">
          <xsl:with-param name="StartPos" select="$posCol2 - (18)"/>
          <xsl:with-param name="EndPos" select="$posMaxWidth"/>
          <xsl:with-param name="WrappedStartPos" select="$posCol2"/>
          <xsl:with-param name="WrappedWidth" select="$posMaxWidth + 1"/>
          <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
          <xsl:with-param name="InitialRun" select="0"/>
        </xsl:call-template>
        
        <xsl:call-template>
          <xsl:text>&#10;</xsl:text>
          <!-- -->
          <xsl:if test="rap:SupervisionSubject/rap:SubjectFullName">
            <xsl:text>Subject's Name</xsl:text>
          </xsl:if>
        </xsl:call-template>
      </xsl:if>
    </xsl:for-each>
  </xsl:when>
  <xsl:otherwise>
  </xsl:otherwise>
</xsl:choose>
<xsl:for-each select="rap:SupervisionSubject/rap:SubjectFullName">
    <xsl:variable name="i" select="position()"/>
    <xsl:choose>
        <xsl:when test="$i = 1">
            <xsl:call-template name="spaceover">
                <xsl:with-param name="amount" select="$posCol2 - 14"/>
                <xsl:with-param name="amountWrote" select="0"/>
            </xsl:call-template>
        </xsl:when>
        <xsl:otherwise>
            <xsl:call-template name="spaceover">
                <xsl:with-param name="amount" select="$posCol2"/>
                <xsl:with-param name="amountWrote" select="0"/>
            </xsl:call-template>
        </xsl:otherwise>
    </xsl:choose>
    <xsl:value-of select="."/>
    <xsl:text>&#10;</xsl:text>
</xsl:for-each>
<xsl:if test="not(rap:SupervisionSubject/rap:SubjectFullName)">
    <xsl:text>&#10;</xsl:text>
</xsl:if>
<xsl:if test="rap:SupervisionSubject/j:SubjectIdentification">
    <xsl:text>Correctional Id Number</xsl:text>
    <xsl:call-template name="wrapin">
        <xsl:with-param name="Text" select="rap:SupervisionSubject/j:SubjectIdentification/nc:IdentificationID"/>
        <xsl:with-param name="StartPos" select="$amtColSpacer"/>
        <xsl:with-param name="EndPos" select="$posMaxWidth"/>
        <xsl:with-param name="WrappedStartPos" select="$posCol2"/>
        <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
        <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
        <xsl:with-param name="initialRun" select="0"/>
    </xsl:call-template>
    <xsl:text>&#10;</xsl:text>
</xsl:if>
<xsl:if test="rap:SupervisionAgencyRecordIdentification">
    <xsl:text>Supervision Case Number</xsl:text>
    <xsl:call-template name="wrapin">
        <xsl:with-param name="Text" select="rap:SupervisionAgencyRecordIdentification/nc:IdentificationID"/>
        <xsl:with-param name="StartPos" select="$amtColSpacer"/>
        <xsl:with-param name="EndPos" select="$posMaxWidth"/>
    </xsl:call-template>
    <xsl:text>&#10;</xsl:text>
</xsl:if>
<xsl:with-param name="WrapedStartPos" select="$posCol2"/>
<xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
<xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
<xsl:with-param name="initialRun" select="0"/>
</xsl:call-template>
<xsl:text>&amp;#10;</xsl:text>
</xsl:if>
</xsl:for-each>

<xsl:for-each select="nc:SupervisionCourtRecordIdentification/nc:IdentificationID">
  <xsl:variable name="i" select="position()"/>
  <xsl:text>Court Case Number</xsl:text>
  <xsl:call-template name="wrapIn">
    <xsl:with-param name="Text" select="rap:SupervisionCourtRecordIdentification/nc:IdentificationID"/>
    <xsl:with-param name="StartPos" select="$amtColSpacer"/>
    <xsl:with-param name="EndPos" select="$posMaxWidth"/>
    <xsl:with-param name="WrappedStartPos" select="$posCol2"/>
    <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
    <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
    <xsl:with-param name="initialRun" select="0"/>
  </xsl:call-template>
  <xsl:text>&amp;#10;</xsl:text>
</xsl:for-each>

<xsif test="rap:SupervisionCourtRecordIdentification/nc:IdentificationID">
  <xsl:call-template name="wrapIn">
    <xsl:with-param name="Text" select="rap:SupervisionCourtRecordIdentification/nc:IdentificationID"/>
    <xsl:with-param name="StartPos" select="$amtColSpacer"/>
    <xsl:with-param name="EndPos" select="$posMaxWidth"/>
    <xsl:with-param name="WrappedStartPos" select="$posCol2"/>
    <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
    <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
    <xsl:with-param name="initialRun" select="0"/>
  </xsl:call-template>
  <xsl:text>&amp;#10;</xsl:text>
</xsif>
</xsl:for-each>

<xsl:for-each select="nc:SupervisionCustodyStatus">
  <xsl:variable name="i" select="position()"/>
  <xsl:text>Correction Action</xsl:text>
  <xsl:call-template name="wrapIn">
    <xsl:with-param name="Text" select="nc:StatusDescriptionText"/>
    <xsl:with-param name="StartPos" select="$amtColSpacer"/>
    <xsl:with-param name="EndPos" select="$posMaxWidth"/>
    <xsl:with-param name="WrappedStartPos" select="$posCol2"/>
    <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
    <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
    <xsl:with-param name="initialRun" select="0"/>
  </xsl:call-template>
</xsl:for-each>

<xsl:for-each select="nc:ActivityDescriptionText">
  <xsl:variable name="i" select="position()"/>
  <xsl:text>Correction Comment</xsl:text>
  <xsl:call-template name="wrapIn">
    <xsl:with-param name="Text" select="normalize-space(.)"/>
    <xsl:with-param name="StartPos" select="$amtColSpacer"/>
    <xsl:with-param name="EndPos" select="$posMaxWidth"/>
    <xsl:with-param name="WrappedStartPos" select="$posCol2"/>
    <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
    <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
    <xsl:with-param name="initialRun" select="0"/>
  </xsl:call-template>
</xsl:for-each>

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<xsl:call-template name="wrapIn">
  <xsl:with-param name="Text" select="normalize-space(.)/nc:ActivityCategoryText"/>
  <xsl:with-param name="StartPos" select="$amtColSpacer"/>
  <xsl:with-param name="EndPos" select="$posMaxWidth"/>
  <xsl:with-param name="WrappedStartPos" select="$posCol2"/>
  <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
  <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
  <xsl:with-param name="initialRun" select="0"/>
</xsl:call-template>
</xsl:for-each>
</xsl:for-each select="j:SupervisionConditionalRelease">
  <xsl:variable name="i" select="position()"/>
  <xsl:text>Cond. Release Type</xsl:text>
  <xsl:call-template name="wrapIn">
    <xsl:with-param name="Text" select="normalize-space(/nc:ActivityCategoryText)"/>
    <xsl:with-param name="StartPos" select="$amtColSpacer"/>
    <xsl:with-param name="EndPos" select="$posMaxWidth"/>
    <xsl:with-param name="WrappedStartPos" select="$posCol2"/>
    <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
    <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
    <xsl:with-param name="initialRun" select="0"/>
  </xsl:call-template>
</xsl:for-each>
<xsl:with-param name="WrappedStartPos" select="$posCol2"/>
<xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
<xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
<xsl:with-param name="initialRun" select="0"/>
</xsl:call-template>
<xsl:text>&#10;</xsl:text>
</xsl:for-each>
<!-- Telephone -->
<xsl:choose>
  <xsl:when test="nc:OrganizationLocation/nc:LocationContactInformation/nc:ContactTelephoneNumber/nc:FullTelephoneNumber &gt; 0">
    <!-- if there is a telephone number, write it -->
    <xsl:for-each select="nc:OrganizationLocation/nc:LocationContactInformation/nc:ContactTelephoneNumber/nc:FullTelephoneNumber">
      <xsl:text>Agency Telephone</xsl:text>
      <xsl:choose>
        <xsl:when test="count(.) &gt; 0">
          <!-- if standard phone format, format it accordingly -->
          <xsl:call-template name="wrapIn">
            <xsl:with-param name="Text" select="./"/>
            <xsl:with-param name="StartPos" select="$posCol2 - 16"/>
            <xsl:with-param name="EndPos" select="$posMaxWidth"/>
            <xsl:with-param name="WrappedStartPos" select="$posCol2"/>
            <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
            <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
            <xsl:with-param name="initialRun" select="0"/>
            <xsl:call-template>
              <xsl:text>&#10;</xsl:text>
            </xsl:call-template>
          </xsl:call-template>
        </xsl:when>
        <xsl:call-template name="wrapIn">
          <xsl:with-param name="Text" select="."/>
          <xsl:with-param name="StartPos" select="$posCol2 - 16"/>
          <xsl:with-param name="EndPos" select="$posMaxWidth"/>
          <xsl:with-param name="WrappedStartPos" select="$posCol2"/>
          <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
          <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
          <xsl:with-param name="initialRun" select="0"/>
          <xsl:call-template>
            <xsl:text>&#10;</xsl:text>
          </xsl:call-template>
        </xsl:call-template>
      </xsl:when>
      <xsl:otherwise>
        <xsl:call-template name="wrapIn">
          <xsl:with-param name="Text" select="."/>
          <xsl:with-param name="StartPos" select="$posCol2 - 16"/>
          <xsl:with-param name="EndPos" select="$posMaxWidth"/>
          <xsl:with-param name="WrappedStartPos" select="$posCol2"/>
          <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
          <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
          <xsl:with-param name="initialRun" select="0"/>
          <xsl:call-template>
            <xsl:text>&#10;</xsl:text>
          </xsl:call-template>
        </xsl:call-template>
      </xsl:otherwise>
    </xsl:choose>
  </xsl:for-each>
</xsl:when>
</xsl:otherwise>
</xsl:choose>
<xsl:if test=".//nc:LocationAddress//nc:LocationStreet//nc:StreetName">
<xsl:call-template name="wrapIn">
    <xsl:with-param name="Text" select="concat(./nc:LocationAddress//nc:LocationStreet//nc:StreetNumberText,' ',./nc:LocationAddress//nc:LocationStreet//nc:StreetPredirectionalText,' ',./nc:LocationAddress//nc:LocationStreet//nc:StreetName,' ',./nc:LocationAddress//nc:LocationStreet//nc:StreetTypeText)"/>
    <xsl:with-param name="StartPos" select="$posCol2"/>
    <xsl:with-param name="EndPos" select="$posMaxWidth"/>
    <xsl:with-param name="WrappedStartPos" select="$posCol2"/>
    <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
    <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
    <xsl:with-param name="initialRun" select="0"/>
</xsl:call-template>
</xsl:if>

<xsl:if test=".//nc:LocationAddress//nc:LocationStateName">
<xsl:call-template name="wrapIn">
    <xsl:with-param name="Text" select="concat('County:', ./nc:LocationAddress//nc:LocationCountyName)"/>
    <xsl:with-param name="StartPos" select="$posCol2"/>
    <xsl:with-param name="EndPos" select="$posMaxWidth"/>
    <xsl:with-param name="WrappedStartPos" select="$posCol2"/>
    <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
    <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
    <xsl:with-param name="initialRun" select="0"/>
</xsl:call-template>
</xsl:if>

<xsl:for-each test=".//nc:LocationAddress//nc:LocationStateName">
    <xsl:text>&#10;</xsl:text>
</xsl:for-each>
<xsl:text>&#10;</xsl:text>
</xsl:for-each>
<xsl:text>&#10;</xsl:text>
</xsl:for-each>
<xsl:choose>
    <xsl:when test="position() != last()">
        <xsl:call-template name="wrapIn">
            <xsl:with-param name="Text" select="concat('County:', ./nc:LocationAddress//nc:LocationCountyName)"/>
            <xsl:with-param name="StartPos" select="$posCol2"/>
            <xsl:with-param name="EndPos" select="$posMaxWidth"/>
            <xsl:with-param name="WrappedStartPos" select="$posCol2"/>
            <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
            <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
            <xsl:with-param name="initialRun" select="0"/>
        </xsl:call-template>
    </xsl:when>
</xsl:choose>
<xsl:text>&#10;</xsl:text>
</xsl:for-each>
<xsl:choose>
    <xsl:when test="position() != last()">
        <xsl:call-template name="wrapIn">
            <xsl:with-param name="Text" select="concat('County:', ./nc:LocationAddress//nc:LocationCountyName)"/>
            <xsl:with-param name="StartPos" select="$posCol2"/>
            <xsl:with-param name="EndPos" select="$posMaxWidth"/>
            <xsl:with-param name="WrappedStartPos" select="$posCol2"/>
            <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
            <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
            <xsl:with-param name="initialRun" select="0"/>
        </xsl:call-template>
    </xsl:when>
</xsl:choose>
<xsl:text>&#10;</xsl:text>
</xsl:for-each>
<xsl:for-each select="nc:OrganizationLocation/nc:LocationContactInformation/nc:ContactTelephoneNumber/nc:FullTelephoneNumber">
  <xsl:text>Agency Telephone</xsl:text>
  <xsl:choose>
    <xsl:when test="count(.) &gt; 0">
      <!-- if standard phone format, format it accordingly -->
      <xsl:call-template name="wrapIn">
        <xsl:with-param name="Text" select="."/>
        <xsl:with-param name="StartPos" select="#posCol2 - 16"/>
        <xsl:with-param name="EndPos" select="#posMaxWidth"/>
        <xsl:with-param name="WrappedStartPos" select="#posCol2"/>
        <xsl:with-param name="CurrentPos" select="#posMaxWidth + 1"/>
        <xsl:with-param name="WrapWidth" select="#posMaxWidth + 1"/>
        <xsl:with-param name="initialRun" select="0"/>
        <!-- 0=True -->
      </xsl:call-template>
    </xsl:when>
    <xsl:otherwise>
      <xsl:call-template name="wrapIn">
        <xsl:with-param name="Text" select="."/>
        <xsl:with-param name="StartPos" select="#posCol2 - 16"/>
        <xsl:with-param name="EndPos" select="#posMaxWidth"/>
        <xsl:with-param name="WrappedStartPos" select="#posCol2"/>
        <xsl:with-param name="CurrentPos" select="#posMaxWidth + 1"/>
        <xsl:with-param name="WrapWidth" select="#posMaxWidth + 1"/>
        <xsl:with-param name="initialRun" select="0"/>
        <!-- 0=True -->
      </xsl:call-template>
    </xsl:otherwise>
  </xsl:choose>
</xsl:when>
<xsl:otherwise>&#10;</xsl:otherwise>
</xsl:for-each>

<xsl:when test="count(nc:OrganizationLocation/nc:LocationContactInformation/nc:ContactFaxNumber/nc:FullTelephoneNumber) &gt; 0">
  <!-- if there is a telephone number, write it -->
  <xsl:for-each select="nc:OrganizationLocation/nc:LocationContactInformation/nc:ContactFaxNumber/nc:FullTelephoneNumber">
    <xsl:text>Agency Facsimile</xsl:text>
  </xsl:for-each>
</xsl:when>
<xsl:otherwise>&#10;</xsl:otherwise>
</xsl:for-each>

<xsl:choose>
  <xsl:when test="count(nc:OrganizationLocation/nc:LocationContactInformation/nc:ContactFaxNumber/nc:FullTelephoneNumber) &gt; 0">
    <!-- if there is a telephone number, write it -->
    <xsl:for-each select="nc:OrganizationLocation/nc:LocationContactInformation/nc:ContactFaxNumber/nc:FullTelephoneNumber">
      <xsl:text>Agency Facsimile</xsl:text>
    </xsl:for-each>
  </xsl:when>
  <xsl:otherwise>
    <xsl:choose>
      <xsl:when test="count(.) &gt; 0">
        <!-- if standard phone format, format it accordingly -->
        <xsl:call-template name="wrapIn">
          <xsl:with-param name="Text" select="."/>
          <xsl:with-param name="StartPos" select="#posCol2 - 16"/>
          <xsl:with-param name="EndPos" select="#posMaxWidth"/>
          <xsl:with-param name="WrappedStartPos" select="#posCol2"/>
          <xsl:with-param name="CurrentPos" select="#posMaxWidth + 1"/>
          <xsl:with-param name="WrapWidth" select="#posMaxWidth + 1"/>
          <xsl:with-param name="initialRun" select="0"/>
          <!-- 0=True -->
        </xsl:call-template>
      </xsl:when>
      <xsl:otherwise>&#10;</xsl:otherwise>
    </xsl:choose>
  </xsl:otherwise>
</xsl:choose>
<xsl:when test="count(.) &gt; 0">
  <!-- if standard phone format, format it accordingly -->
  <xsl:call-template name="wrapIn">
    <xsl:with-param name="Text" select="."/>
    <xsl:with-param name="StartPos" select="$posCol2 - 16"/>
    <xsl:with-param name="EndPos" select="$posMaxWidth"/>
    <xsl:with-param name="WrappedStartPos" select="$posCol2"/>
    <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
    <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
    <xsl:with-param name="initialRun" select="0"/>
  </xsl:call-template>
</xsl:when>
<xsl:otherwise>
  <xsl:call-template name="wrapIn">
    <xsl:with-param name="Text" select="."/>
    <xsl:with-param name="StartPos" select="$posCol2 - 16"/>
    <xsl:with-param name="EndPos" select="$posMaxWidth"/>
    <xsl:with-param name="WrappedStartPos" select="$posCol2"/>
    <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
    <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
    <xsl:with-param name="initialRun" select="0"/>
  </xsl:call-template>
</xsl:otherwise>
</xsl:choose>
<xsl:choose>
  <xsl:when>
    <xsl:for-each>&#10;</xsl:for-each></xsl:when>
  <xsl:otherwise>
    <xsl:text>&#10;</xsl:text>
  </xsl:otherwise>
</xsl:choose>
<xsl:for-each select="nc:OrganizationLocation/nc:LocationContactInformation/nc:ContactEmailID">
  <xsl:variable name="i" select="position()"/>
  <xsl:call-template name="wrapIn">
    <xsl:with-param name="Text" select="."/>
    <xsl:with-param name="StartPos" select="$posCol2 - 20"/>
    <xsl:with-param name="EndPos" select="$posMaxWidth"/>
    <xsl:with-param name="WrappedStartPos" select="$posCol2"/>
    <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
    <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
    <xsl:with-param name="initialRun" select="0"/>
  </xsl:call-template>
</xsl:for-each>
<xsl:text>&#10;</xsl:text>
</xsl:if>
</xsl:if>
<xsl:if test="../nc:LocationAddress/nc:StructuredAddress/nc:LocationStateName">
  <xsl:call-template name="wrapIn">
    <xsl:with-param name="Text" select="concat(../nc:LocationAddress/nc:StructuredAddress/nc:LocationCityName,
            ',',../nc:LocationAddress/nc:StructuredAddress/nc:LocationStateName,
            ',',../nc:LocationAddress/nc:StructuredAddress/nc:LocationPostalCodeID/nc:IdentificationID,
            ',',../nc:LocationAddress/nc:StructuredAddress/nc:LocationCountryText)">
      <xsl:with-param name="StartPos" select="$posCol2"/>
      <xsl:with-param name="EndPos" select="$posMaxWidth"/>
      <xsl:with-param name="WrappedStartPos" select="$posCol2"/>
      <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
      <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
      <xsl:with-param name="initialRun" select="0"/>
    </xsl:with-param>
  </xsl:call-template>
</xsl:if>

<xsl:if test="../nc:LocationAddress/nc:StructuredAddress/nc:LocationCountyName">
  <xsl:call-template name="wrapIn">
    <xsl:with-param name="Text" select="concat('County: ',
            ../nc:LocationAddress/nc:StructuredAddress/nc:LocationCountyName)">
      <xsl:with-param name="StartPos" select="$posCol2"/>
      <xsl:with-param name="EndPos" select="$posMaxWidth"/>
      <xsl:with-param name="WrappedStartPos" select="$posCol2"/>
      <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
      <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
      <xsl:with-param name="initialRun" select="0"/>
    </xsl:with-param>
  </xsl:call-template>
</xsl:if>

</xsl:for-each>
<xsl:text>&#10;</xsl:text>
</xsl:if>

<xsl:if test="position() != last()">
  <xsl:text>------------------------------------------------------------------------</xsl:text>
</xsl:if>
</xsl:for-each>

<xsl:if test="//n:ResponseText!=''">
  <xsl:value-of select="//n:ResponseText"/>
</xsl:if>

<xsl:text>** * END OF RECORD * * **</xsl:text>

</xsl:if>
</xsl:template>

<!-- END OF Agency Index Loop -->

<xsl:if test="//n:ResponseText != ''">
  <xsl:value-of select="/n:ResponseText"/>
</xsl:if>

<xsl:text>** * END OF RECORD * * **</xsl:text>

</xsl:if>
</xsl:template>

<!-- ############ TEMPLATES and GLOBALS ############ -->
>-->

<xsl:template name="textwrap">

<![-->

| The below template wraps a text string at a specified position.
| Input:
| CurrentPos - Hold Position (wrap position on first call) + 1.
| WrapWidth - Wrap Width (character position of which to wrap at) + 1.
| Explanation/Notes:
| Before calling this template it is recommended you declare a variable
| (ie WrapAt) and set this variable to the Position of which you want
| the text string wrapped at. Next set the input parameters BOTH to
| the variable’s value plus one (ie WrapAt + 1).
| Example Call:
| <xsl:variable name="WrapAt" select="72"/>
| <xsl:call-template name="textwrap">
|  <xsl:with-param name="Text" select="//rap:RapSheet/Introduction/caveat"/>
|  <xsl:with-param name="CurrentPos" select="$WrapAt + 1"/>
|  <xsl:with-param name="WrapWidth" select="$WrapAt + 1"/>
| </xsl:call-template>

<-->

<xsl:param name="Text"/>
<xsl:param name="CurrentPos"/>
<xsl:param name="WrapWidth"/>
<xsl:choose>
  <xsl:when test="$CurrentPos &lt; 1">
    <!-- If CurrentPos = 0 it means the word is longer than the wrap width
    so output as much as possible on one line, then pass the
    remainder of the string on for more processing. -->
    <xsl:value-of select="substring($Text, 1, $WrapWidth - 1)"/>
    <xsl:text>&#10;</xsl:text>
  </xsl:when>
  <xsl:when test="string-length($Text) &gt; ($CurrentPos - 1)">
    <!-- if input string length is greater than 72 wrap it up -->
    <xsl:choose>
      <xsl:when test="substring($Text, $CurrentPos - 1, 1) = ' '">
        <!-- return the string -->
        <xsl:value-of select="substring($Text, $CurrentPos - 1, 1) = ''"/>
      </xsl:when>
      <xsl:when test="substring($Text, $CurrentPos - 1, 1) = ' '">
        <!-- return the string -->
        <xsl:value-of select="substring($Text, $CurrentPos - 1, 1) = ''"/>
      </xsl:when>
    </xsl:choose>
    <xsl:call-template name="textwrap">
      <xsl:with-param name="Text" select="substring($Text, $CurrentPos - 1, 1)"/>
      <xsl:text>&#10;</xsl:text>
      <xsl:call-template name="textwrap">
        <xsl:with-param name="Text" select="substring($Text, $CurrentPos - 1, 1)"/>
      </xsl:call-template>
    </xsl:call-template>
  </xsl:when>
</xsl:choose>
The below template wraps a text string at a specified position given a specified Start and end position.

**Input:**
- **Text** - The inputted text to wrap: NOTE: perform a normalize-string() before to strip extra spaces and carriage returns.
- **StartPos** - The start position of where the string will start writing from.
- **EndPos** - The end position of where the string will stop writing and begin a wrap.
- **WrappedStartPos** - The wrapped start position. Where to start writing on the wrapped line.
- **CurrentPos** - Current position (used internally).
- **WrapWidth** - The wrap width.
- **initialRun** - Initial Run (used internally). Identifies if it is the first run of the template. If it is the first run, the amount to space over before writing can and will be different so this parameter adjusts accordingly.

**Explanation/Notes:**
- As mentioned in the input section, perform a normalize-string on the inputted text to remove unwanted extra spaces or carriage returns.

**Example Call:**
```xml
<xsl:call-template name="wrapIn">
  <xsl:with-param name="Text" select="normalize-space(./example/comments)"/>
  <xsl:with-param name="StartPos" select="$posCol2"/>
  <xsl:with-param name="EndPos" select="$posMaxWidth"/>
  <xsl:with-param name="WrappedStartPos" select="$posCol2"/>
  <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
  <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
</xsl:call-template>
```
<xsl:with-param name="initialRun" select="0"/>

<xsl:call-template>

-->

<xsl:param name="Text"/>
<xsl:param name="StartPos"/>
<xsl:param name="EndPos"/>
<xsl:param name="WrappedStartPos"/>
<xsl:param name="CurrentPos"/>
<xsl:param name="WrapWidth"/>
<xsl:param name="initialRun"/>

<xsl:variable name="l" select="$EndPos - $WrappedStartPos"/>
<xsl:variable name="n-text" select="normalize-space($Text)"/>

<xsl:choose>
  <xsl:when test="string-length($Text) <= $l">
    <!-- if passed in string is lt or = the length we can write it -->
    <xsl:choose>
      <!-- Determine the correct spacing before writing -->
      <xsl:when test="$initialRun = 0">
        <!-- 0=True -->
        <xsl:call-template name="spaceover">
          <xsl:with-param name="amount" select="$StartPos"/>
          <xsl:with-param name="amountWrote" select="0"/>
        </xsl:call-template>
      </xsl:when>
      <xsl:otherwise>
        <xsl:call-template name="spaceover">
          <xsl:with-param name="amount" select="$WrappedStartPos"/>
          <xsl:with-param name="amountWrote" select="0"/>
        </xsl:call-template>
      </xsl:otherwise>
    </xsl:choose>
    <!-- Write the string -->
    <xsl:value-of select="$Text"/>
  </xsl:when>
  <xsl:otherwise>
    <!-- else wrap the string -->
    <xsl:when test="$CurrentPos &lt; 1">
      <!-- if CurrentPos = 0 it means the word is longer than the wrap width
          so output as much as possible on one line, then pass the
          remainder of the string on for more processing. -->
      <xsl:text>&amp;#10;</xsl:text>
      <xsl:call-template name="wrapIn"/>
    </xsl:when>
    <xsl:otherwise>
      <!-- if not initial run then it is a wrapped line -->
      <xsl:call-template name="spaceover">
        <xsl:with-param name="amount" select="$WrappedStartPos"/>
        <xsl:with-param name="amountWrote" select="0"/>
      </xsl:call-template>
    </xsl:otherwise>
  </xsl:otherwise>
</xsl:choose>
<xsl:template match=".">
  <xsl:choose>
    <xsl:when test="(string-length($Text) + $WrapedStartPos) > ($CurrentPos - 1)"><!-- if input string length is greater than 72 wrap it up -->
      <xsl:when test="substring($Text, (($CurrentPos - 1)- $WrapedStartPos), 1) = ' '"> <!-- if the last character in the string is a [space] then write the line else move back and retry -->
        <xsl:choose> <!-- get the correct spacing -->
          <xsl:when test="$initialRun = 0"> <!-- 0=True -->
            <xsl:call-template name="spaceover"> <!-- use StartPos (adjusted started position) -->
              <xsl:with-param name="amount" select="$StartPos"/>
              <xsl:with-param name="amountWrote" select="0"/>
            </xsl:call-template>
          </xsl:when>
          <xsl:otherwise> <!-- if not initial run then it is a wrapped line -->
            <xsl:call-template name="spaceover"> <!-- if not initial run then it is a wrapped line -->
              <xsl:with-param name="amount" select="$WrapedStartPos"/>
              <xsl:with-param name="amountWrote" select="0"/>
            </xsl:call-template>
          </xsl:otherwise>
        </xsl:choose>
      </xsl:when>
      <xsl:otherwise> <!-- set to 1 as we wrote the above line -->
        <xsl:call-template name="wrapIn"> <!-- set to 1 as we wrote the above line -->
          <xsl:with-param name="Text" select="substring($Text,$WrapWidth)"/>
          <xsl:with-param name="StartPos" select="$StartPos"/>
          <xsl:with-param name="EndPos" select="$EndPos"/>
          <xsl:with-param name="WrappedStartPos" select="$WrapedStartPos"/>
          <xsl:with-param name="CurrentPos" select="$WrapWidth"/>
          <xsl:with-param name="WrapWidth" select="$WrapWidth"/>
          <xsl:with-param name="initialRun" select="1"/>
        </xsl:call-template>
      </xsl:otherwise>
    </xsl:when>
    <xsl:otherwise>
      <xsl:value-of select="substring($Text, 1, ($CurrentPos - 1) - $WrapedStartPos)"/>
    </xsl:otherwise>
  </xsl:choose>
</xsl:template>
<xsl:template name="assignvalue">
  <!--
  Assigns Value to variable.
  Input:
  flag - variable.
  flagvalue - value.
  Example Call:
  <xsl:call-template name="assignvalue">
    <xsl:with-param name="flag" select="0"/>
    <xsl:with-param name="flagvalue" select="1"/>
  </xsl:call-template>
  -->
  <xsl:param name="flag"/>
  <xsl:param name="flagvalue"/>
  <xsl:if test="$flag < $flagvalue">
    <xsl:call-template name="assignvalue">
      <xsl:with-param name="flag" select="$flag + 1"/>
      <xsl:with-param name="flagvalue" select="$flagvalue"/>
    </xsl:call-template>
  </xsl:if>
</xsl:template>

<xsl:template name="doAgency">
  <!--
  Writes the appropriate 'agency' info (ori or entityName). If future changes require structure
  changes to the agency write-out format it can easily be accommodated here.
  Input:
  agency: entityName, ori, entityAbbreviatedName, and entityAccronym.
  Example Call:
  <xsl:call-template name="doAgency">
    <xsl:with-param name="entityName" select="./agency/entityName"/>
    <xsl:with-param name="ori" select="./agency/ori"/>
    <xsl:with-param name="entityAbbreviatedName" select="./agency/entityAbbreviatedName"/>
    <xsl:with-param name="entityAccronym" select="./agency/entityAccronym"/>
  </xsl:call-template>
  -->
  <xsl:param name="entityName"/>
  <xsl:param name="ori"/>
  <xsl:param name="entityAbbreviatedName"/>
  <xsl:param name="entityAccronym"/>
  <xsl:choose>
    <xsl:when test="count($ori)>0">
      <xsl:value-of select="$ori"/>
    </xsl:when>
    </xsl:choose>
</xsl:template>
<xsl:template name="doSMTCode">
  <!--
      Writes appropriate SMT Code Section.
      Input:
        codeSource
      Example Call:
        <xsl:variable name="SMTCode">
          <xsl:call-template name="doSMTCode">
            <xsl:with-param name="codeSource" select="." />
          </xsl:call-template>
        </xsl:variable>
  -->
  <xsl:param name="codeSource" />
  <xsl:choose>
    <xsl:when test="string-length($codeSource)>0">
      <xsl:value-of select="$codeSource" />
    </xsl:when>
    <xsl:otherwise>
      <xsl:text>Unknown Code</xsl:text>
    </xsl:otherwise>
  </xsl:choose>
</xsl:template>

<xsl:template name="doSMTDescription">
  <!--
      Writes the appropriate SMT Description Section.
      Input:
        referenceDate: SMT (owning agency) reference date.
      Example Call:
        <xsl:variable name="SMTDescription">
          <xsl:call-template name="doSMTDescription">
            <xsl:with-param name="referenceDate" select="@j:ReportedDate" />
            <xsl:with-param name="agency" select="$SSMTAgency" />
            <xsl:with-param name="codeValue" select="./scarsMarksTattoosDescription/@codeValue" />
            <xsl:with-param name="smtDescription" select="./scarsMarksTattoosDescription" />
            <xsl:with-param name="imgReferenceDate" select="@image/@j:ReportedDate" />
            <xsl:with-param name="imgAgency" select="$imgAgency" />
            <xsl:with-param name="imgHref" select="@image/imageData/@href" />
          </xsl:call-template>
        </xsl:variable>
  -->
</xsl:template>
<xsl:param name="referenceDate"/>
<xsl:param name="agency"/>
<xsl:param name="codeValue"/>
<xsl:param name="smtDescription"/>
<xsl:param name="imgReferenceDate"/>
<xsl:param name="imgAgency"/>
<xsl:param name="imgHref"/>
<xsl:param name="imgComment"/>

<!-- Put the SMT Description info together correctly -->
<xsl:if test="$codeValue">
  <xsl:value-of select="$codeValue"/>
  <xsl:if test="$smtDescription">
    <xsl:text>;</xsl:text>
  </xsl:if>
</xsl:if>

<xsl:if test="$smtDescription">
  <xsl:value-of select="$smtDescription"/>
</xsl:if>

<xsl:if test="$smtDescription or $codeValue">
  <xsl:text>(</xsl:text>
</xsl:if>

<xsl:value-of select="$agency"/>

<!-- djr(19-MAR-03) agency is required -->
<xsl:if test="$referenceDate">
  <xsl:text>; </xsl:text>
</xsl:if>

<xsl:value-of select="$referenceDate"/>

<xsl:if test="($smtDescription or $codeValue) and (string-length($imgComment)>0 or string-length($imgReferenceDate)>0 or string-length($imgAgency)>0 or string-length($imgHref)>0)">
  <xsl:text>/></xsl:text>
</xsl:if>

<xsl:if test="$imgComment">
  <xsl:value-of select="$imgComment"/>
  <xsl:text>/></xsl:text>
</xsl:if>

<xsl:if test="$imgHref">
  <xsl:value-of select="$imgHref"/>
  <xsl:text>/></xsl:text>
</xsl:if>

<xsl:if test="$imgAgency">
  <xsl:text>(</xsl:text>
</xsl:if>

<xsl:if test="$imgReferenceDate">
  <xsl:text>/></xsl:text>
</xsl:if>
<xsl:template name="doTypeImagesSection">
<xsl:param name="referenceDate"/>
<xsl:param name="agency"/>
<xsl:param name="Href"/>
<xsl:param name="Comment"/>

<!-- Put the info together correctly -->
<xsl:if test="$Comment">
  <xsl:value-of select="$Comment"/>
  <xsl:text>)
</xsl:if>
<xsl:if test="$Href">
  <xsl:value-of select="$Href"/>
  <xsl:text>)
</xsl:if>
<xsl:text>(</xsl:text>
  <xsl:value-of select="$agency"/>
</xsl:text>
<xsl:if test="$referenceDate">
  <xsl:text>; </xsl:text>
  <xsl:value-of select="$referenceDate"/>
</xsl:if>
<xsl:text>)
</xsl:if>
<xsl:text></xsl:template>

<xsl:template name="PrintCharge">
  <xsl:param name="Charge"/>
  <xsl:variable name="posCol1">0</xsl:variable>
  <xsl:variable name="posCol2">24</xsl:variable>
</xsl:template>
<xsl:variable name="posCol3">48</xsl:variable>
<!-- Position to start Column three -->
<xsl:variable name="posMaxWidth">72</xsl:variable>
<!-- Position for Maximum width -->
<xsl:variable name="amtColSpacer">2</xsl:variable>
<xsl:for-each select="$Charge">
  <xsl:if test="j:ChargeSequenceID/nc:IdentificationID">
    <xsl:text>Charge</xsl:text>
    <xsl:value-of select="j:ChargeSequenceID/nc:IdentificationID"/>
    <xsl:text>&#10;</xsl:text>
  </xsl:if>
  <xsl:if test="j:ChargeIdentification/nc:IdentificationID">
    <xsl:text>Charge Number</xsl:text>
    <xsl:value-of select="j:ChargeIdentification/nc:IdentificationID"/>
    <xsl:text>&#10;</xsl:text>
  </xsl:if>
  <xsl:if test="j:ChargeTrackingIdentification">
    <xsl:text>Charge Tracking Number</xsl:text>
    <xsl:value-of select="j:ChargeTrackingIdentification/nc:IdentificationID"/>
    <xsl:text>&#10;</xsl:text>
  </xsl:if>
  <xsl:if test="j:ChargeLiteral">
    <xsl:text>Charge Literal</xsl:text>
    <xsl:value-of select="j:ChargeLiteral"/>
    <xsl:text>&#10;</xsl:text>
  </xsl:if>
  <xsl:call-template name="wrapIn">
    <xsl:with-param name="StartPos" select="$amtColSpacer"/>
    <xsl:with-param name="EndPos" select="$posMaxWidth"/>
    <xsl:with-param name="WrappedStartPos" select="$posCol2"/>
    <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
    <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
    <xsl:with-param name="initialRun" select="0"/>
  </xsl:call-template>
  <xsl:text>&#10;</xsl:text>
</xsl:if>
<xsl:if test="j:ChargeDescriptionText">
  <xsl:text>Charge Description</xsl:text>
  <xsl:call-template name="wrapIn">
    <xsl:with-param name="Text" select="j:ChargeDescriptionText"/>
    <xsl:with-param name="StartPos" select="$amtColSpacer"/>
    <xsl:with-param name="EndPos" select="$posMaxWidth"/>
  </xsl:call-template>
</xsl:if>
<xsl:call-template>
  <xsl:with-param names="WrappedStartPos" select="$posCol2"/>
  <xsl:with-param names="CurrentPos" select="$posMaxWidth + 1"/>
  <xsl:with-param names="WrapWidth" select="$posMaxWidth + 1"/>
  <xsl:with-param names="initialRun" select="0"/>
</xsl:call-template>
<xsl:text>&#10;</xsl:text>
</xsl:if>
<xsl:if test="./j:ChargeStatute">
  <xsl:text>Statute</xsl:text>
</xsl:if>
</xsl:for-each>
<xsl:variable name="i" select="position()"/>
<xsl:choose>
  <!-- determine the correct spacing and write it -->
  <xsl:when test="$i = 1">
    <xsl:call-template name="wrapIn">
      <xsl:with-param name="StartPos" select="$amtColSpacer"/>
      <!-- space over spacer width -->
      <xsl:with-param name="EndPos" select="$posMaxWidth"/>
      <xsl:with-param name="WrappedStartPos" select="$posCol2"/>
      <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
      <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
      <xsl:with-param name="initialRun" select="0"/>
    </xsl:call-template>
  </xsl:when>
  <xsl:otherwise>
    <xsl:call-template name="wrapIn">
      <xsl:with-param name="Text" select=""/>
      <xsl:with-param name="StartPos" select="$posCol2"/>
      <!-- space over to Column2 start pos -->
      <xsl:with-param name="EndPos" select="$posMaxWidth"/>
      <xsl:with-param name="WrappedStartPos" select="$posCol2"/>
      <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
      <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
      <xsl:with-param name="initialRun" select="0"/>
    </xsl:call-template>
  </xsl:otherwise>
</xsl:choose>
</xsl:for-each>
<xsl:if test="./j:ChargeReporting/j:ChargeNCICCode">
  <xsl:text>NCIC Offense Code</xsl:text>
</xsl:if>
<xsl:for-each select=".//j:ChargeReporting//j:ChargeNCICCode">
  <xsl:variable name="i" select="position()"/>
  <xsl:choose>
    <!-- determine the correct spacing and write it -->
    <xsl:when test="$i = 1">
      <xsl:call-template name="wrapIn">
        <xsl:with-param name="Text" select="."/>
        <xsl:with-param name="StartPos" select="$amtColSpacer - 3"/>
        <!-- space over spacer width -->
        <xsl:with-param name="EndPos" select="$posMaxWidth"/>
        <xsl:with-param name="WrappedStartPos" select="$posCol2"/>
        <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
        <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
        <xsl:with-param name="initialRun" select="0"/>
      </xsl:call-template>
    </xsl:when>
    <xsl:otherwise>
      <xsl:call-template name="wrapIn">
        <xsl:with-param name="Text" select="."/>
        <xsl:with-param name="StartPos" select="$posCol2"/>
        <!-- space over to Column2 start pos -->
        <xsl:with-param name="EndPos" select="$posMaxWidth"/>
        <xsl:with-param name="WrappedStartPos" select="$posCol2"/>
        <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
        <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
        <xsl:with-param name="initialRun" select="0"/>
      </xsl:call-template>
    </xsl:otherwise>
  </xsl:choose>
</xsl:for-each>

<xsl:if test=".//j:ChargeReporting//j:ChargeNCICCode &lt; 1">
  <xsl:text>&#10;</xsl:text>
</xsl:if>

<xsl:if test=".//j:ChargeStatute//j:StatuteOffenseIdentification//nc:IdentificationID">
  <xsl:text>State Offense Code</xsl:text>
</xsl:if>

<xsl:if test=".//j:ChargeStatute//j:StatuteOffenseIdentification//nc:IdentificationID">
  <xsl:for-each select=".//j:ChargeStatute//j:StatuteOffenseIdentification//nc:IdentificationID">
    <xsl:variable name="i" select="position()"/>
    <!-- determine the correct spacing and write it -->
    <xsl:when test="$i = 1">
      <xsl:call-template name="wrapIn">
        <xsl:with-param name="Text" select="."/>
        <xsl:with-param name="StartPos" select="$amtColSpacer"/>
      </xsl:call-template>
    </xsl:when>
    <xsl:otherwise>
      <xsl:call-template name="wrapIn">
        <xsl:with-param name="Text" select="."/>
        <xsl:with-param name="StartPos" select="$posCol2"/>
      </xsl:call-template>
    </xsl:otherwise>
  </xsl:for-each>
</xsl:if>
<xsl:with-param name="EndPos" select="$posMaxWidth"/>
<xsl:with-param name="WrappedStartPos" select="$posCol2"/>
<xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
<xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
<xsl:with-param name="initialRun" select="0"/>
</xsl:call-template>
<xsl:text>&amp;#10;</xsl:text>
</xsl:if>
</xsl:if test="/j:ChargeApplicabilityText">
<xsl:text>  Inchoate Charge</xsl:text>
</xsl:call-template>
<xsl:call-template name="wrapIn">
  <xsl:with-param name="Text" select="/j:ChargeApplicabilityText"/>
  <xsl:with-param name="StartPos" select="$amtColSpacer"/>
  <xsl:with-param name="EndPos" select="$posMaxWidth"/>
  <xsl:with-param name="WrappedStartPos" select="$posCol2"/>
  <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
  <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
  <xsl:with-param name="initialRun" select="0"/>
</xsl:call-template>
<xsl:text>&amp;#10;</xsl:text>
</xsl:if>
</xsl:if test="/j:ChargeSpecialAllegationText">
<xsl:text>  Enhancing Factor</xsl:text>
</xsl:if>
</xsl:for-each select="/j:ChargeSpecialAllegationText">
<xsl:variable name="i" select="position()"/>
<xsl:choose>
  <xsl:when test="$i = 1">
    <xsl:call-template name="wrapIn">
      <xsl:with-param name="Text" select="/j:ChargeSpecialAllegationText"/>
      <xsl:with-param name="StartPos" select="$amtColSpacer"/>
      <xsl:with-param name="EndPos" select="$posMaxWidth"/>
      <xsl:with-param name="WrappedStartPos" select="$posCol2"/>
      <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
      <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
      <xsl:with-param name="initialRun" select="0"/>
    </xsl:call-template>
    <xsl:text>&amp;#10;</xsl:text>
  </xsl:when>
  <xsl:otherwise>
    <xsl:call-template name="wrapIn">
      <xsl:with-param name="Text" select="/j:ChargeSpecialAllegationText"/>
      <xsl:with-param name="StartPos" select="$posCol2"/>
      <xsl:with-param name="EndPos" select="$posMaxWidth + 1"/>
      <xsl:with-param name="WrappedStartPos" select="$posCol2"/>
      <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
      <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
      <xsl:with-param name="initialRun" select="0"/>
    </xsl:call-template>
    <xsl:text>&amp;#10;</xsl:text>
  </xsl:otherwise>
</xsl:choose>

<nl>
<xsl:with-param name="EndPos" select="$posMaxWidth"/>
<xsl:with-param name="WrappedStartPos" select="$posCol2"/>
<xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
<xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
<xsl:with-param name="initialRun" select="0"/>

</xsl:call-template>
<xsl:text>&#10;</xsl:text>
</xsl:otherwise>
</xsl:choose>
</xsl:for-each>
<xsl:if test="./j:ChargeClassification/j:ChargeReducingFactorText">
<xsl:text>Reducing Factor</xsl:text>
</xsl:if>
</xsl:for-each select="./j:ChargeClassification/j:ChargeReducingFactorText">
<xsl:variable name="i" select="position()"/>
<xsl:choose>
<!-- determine the correct spacing and write it -->
<xsl:when test="$i = 1"/>
</xsl:when>
</xsl:otherwise>
<xsl:call-template name="wrapIn">
<xsl:with-param name="Text" select="."/>
<xsl:with-param name="StartPos" select="$amtColSpacer"/>
<!-- space over spacer width -->
<xsl:with-param name="EndPos" select="$posMaxWidth"/>
<xsl:with-param name="WrappedStartPos" select="$posCol2"/>
<xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
<xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
<xsl:with-param name="initialRun" select="0"/>

</xsl:call-template>
<xsl:text>&#10;</xsl:text>
</xsl:otherwise>
</xsl:call-template>
</xsl:for-each>
<xsl:if test="./j:ChargeDisposition">
<xsl:if test="j:ChargeDisposition">
  <xsl:for-each select=".//j:ChargeDisposition">
    <xsl:variable name="i" select="position()"/>
    <xsl:variable name="metadataid1">
      <xsl:value-of select="./s:metadata"/>
    </xsl:variable>
    <xsl:choose>
      <!-- determine the correct spacing and write it -->
      <xsl:when test="$i = 1">
        <xsl:call-template name="wrapIn">
          <xsl:with-param name="Text" select="concat('(',//rap:RapSheet/rap:Metadata[@s:id=$metadataid1]/nc:CommentText, ', ')'/>
          <xsl:with-param name="StartPos" select="$amtColSpacer"/>
          <xsl:with-param name="EndPos" select="$posMaxWidth"/>
          <xsl:with-param name="WrappedStartPos" select="$posCol2"/>
          <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
          <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
          <xsl:with-param name="initialRun" select="0"/>
        </xsl:call-template>
      </xsl:when>
      <xsl:otherwise>
        <xsl:call-template name="wrapIn">
          <xsl:with-param name="Text" select="concat('(',//rap:RapSheet/rap:Metadata[@s:id=$metadataid1]/nc:CommentText, ', ')'/>
          <xsl:with-param name="StartPos" select="$posCol2"/>
          <xsl:with-param name="EndPos" select="$posMaxWidth"/>
          <xsl:with-param name="WrappedStartPos" select="$posCol2"/>
          <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1"/>
          <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1"/>
          <xsl:with-param name="initialRun" select="0"/>
        </xsl:call-template>
      </xsl:otherwise>
    </xsl:choose>
  </xsl:for-each>
</xsl:if>

</xsl:text>
<xsl:stylesheet version="1.0" xmlns:xsl="http://www.w3.org/1999/XSL/Transform">
  <xsl:template match="NewTemplate">
    <xsl:for-each>
      <xsl:when test="i = 1">
        <xsl:call-template name="wrapIn">
          <xsl:with-param name="Text" select="normalize-space(.)"/>
          <xsl:with-param name="StartPos" select="$amtColSpacer" />
          <!-- space over spacer width -->
          <xsl:with-param name="EndPos" select="$posMaxWidth" />
          <xsl:with-param name="WrappedStartPos" select="$posCol2" />
          <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1" />
          <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1" />
          <xsl:with-param name="initialRun" select="0" />
        </xsl:call-template>
        <xsl:text>&#10;</xsl:text>
      </xsl:when>
      <xsl:otherwise>
        <xsl:call-template name="wrapIn">
          <xsl:with-param name="Text" select="."/>
          <xsl:with-param name="StartPos" select="$posCol2" />
          <!-- space over to Column2 start pos -->
          <xsl:with-param name="EndPos" select="$posMaxWidth" />
          <xsl:with-param name="WrappedStartPos" select="$posCol2" />
          <xsl:with-param name="CurrentPos" select="$posMaxWidth + 1" />
          <xsl:with-param name="WrapWidth" select="$posMaxWidth + 1" />
          <xsl:with-param name="initialRun" select="0" />
        </xsl:call-template>
        <xsl:text>&#10;</xsl:text>
      </xsl:otherwise>
    </xsl:for-each>
  </xsl:template>
</xsl:stylesheet>
Appendix D: Example Text Rap Sheet

This appendix shows the result of transforming the example rap sheet provided in Section 5 using the XSLT style sheet provided in Appendix C.

FR.PASIR0000.PAPSP0062.TXT
ATN/VGS TEST

********************************************************************************
CRIMINAL HISTORY RECORD
********************************************************************************

Data As Of 2008-06-10

********************************************************************************
Introduction
********************************************************************************

This rap sheet was produced in response to the following request:

State Id Number 000-01-23-6 (PA)
Purpose Code C
Attention VGS TEST

The information in this rap sheet is subject to the following caveats:

USE OF THE FOLLOWING CRIMINAL HISTORY RECORD *** SID 000-01-23-6 ***
REGULATED BY ACT 47, AS AMENDED. (PA)

********************************************************************************
IDENTIFICATION
********************************************************************************

Deceased 2002-01-01 (; ; )
Subject Name(s)
RAP, TEST
TEST, RECORD (AKA)
TEST, RAP (AKA)
BIG, BADDY (AKA)
LAST, FIRST MIDDLE SR (AKA)
ABCDEFGHIJKLMNOPQRSTUVWXYZ (AKA)
EXPUNGEMENT, OCA TEST (AKA)
DUCK, DONALD (AKA)
MOUSE, MICKEY (AKA)
RAP, TEST (AKA)

Subject Description

FBI Number State Id Number
000-01-23-6 (PA)

Social Security Number
737-37-3737
123-41-2345
123-45-1234
123-45-6789
202-22-5555

Miscellaneous Numbers
0123-45-6789 TEST

Sex Race

241
Male                      White

Height                    Weight                    Date of Birth
4'00" (1995-06-13)        100 (1995-06-13)        1944-08-25
                          1945-08-25
                          1986-01-01
                          1975-02-02
                          1975-01-01
                          1941-06-25

Hair Color                Eye Color

Citizenship              BZ

Employment
Employment as of         2007-09-03
Occupation
Employer                 ACME WIDGETS, INC.
Residence
Residence as of          2007-09-03
                        123 MAIN ST  ANYTOWN, USA

Caution Information
Firearms Disqualified     Status D- Disqualified
Caution *** DECEASED 2002/01/01 *** (PA)
Caution IDENTIFIED AS AN ALIEN - REG #: 0123-45-6789 (PA)
Caution ***POLICE INFORMATION ONLY ****

COMMUNITY NOTIFICATION IS NOT REQUIRED AND SHOULD NOT OCCUR. REGISTERED AS A SEXUAL OFFENDER AS DEFINED IN TITLE 42, JUDICIARY PROCEDURE, OF THE PENNSYLVANIA CONSOLIDATED STATUTES, CHAPTER 97, SUBCHAPTER H, SEXUAL OFFENDERS, PURSUANT ACT 24, MEGANS LAW. FOR FURTHHER INFORMATION, CONTACT THE PENNSYLVANIA STATE POLICE MEGANS LAW UNIT AT 717-783-4363 OR VISIT THE PENNSYLVANIA STATE POLICE MEGANS LAW WEB SITE AT WWW.PAMEGANSLAW.STATE.PA.US (PA)

******************************  CRIMINAL HISTORY  ******************************

==================================== Cycle 001 ==============================
Earliest Event Date              1983-12-01
----------------------------------
Corrections                      (Cycle 001)
Corrections Agency              PA021015C  SCI CAMP HILL
Subject's Name                  RAP, TEST
Correction Action               RECEIPT
Correction Comment              JAIL OCA: SCIC1234
Release Date                    2003-12-01
==================================== Cycle 002 ==============================
Earliest Event Date              1993-12-01
----------------------------------
Corrections                      (Cycle 002)
Corrections Agency      PA022035G
Subject's Name          RAP, TEST
Correction Action PAROLE
Release Date

============================================= Cycle 003 =============================================
Tracking Number         T111111-0
Earliest Event Date     2004-02-19

Arrest Date             2004-02-19
Arrest Case Number      TESTOCA
Arresting Agency        PAPSP3600 HARRISBURG STATE POLICE
Subject's Name          RAP, TEST
Charge                  1
  Charge Number 1
  Charge Tracking Number T111111-0
  Charge Literal SIMPLE ASSAULT
  Statute SIMPLE ASSAULT (CC2701A; Pennsylvania)
  State Offense Code CC2701A
  Counts 1
  Severity Unknown
  Disposition (Acquitted ; FOUND NOT GUILTY)
Charge                  2
  Charge Number 2
  Charge Tracking Number T111111-0
  Charge Literal INSURANCE FRAUD
  Statute INSURANCE FRAUD (CC4117; Pennsylvania)
  State Offense Code CC4117
  Counts 1
  Severity Unknown
  Disposition (Convicted ; GUILTY )

**************************************** INDEX OF AGENCIES ****************************************
Agency                  HARRISBURG STATE POLICE; PAPSP3600;
Agency Telephone        7176717500
Address                 8000 BRETZ DRIVE
                        HARRISBURG, PA

Agency                  PENNSYLVANIA STATE POLICE; PAPSPR100;
Agency Telephone        7177720352
Address                 RECORDS AND IDENTIFICATION, PLEASE CONTACT FOR FURTHER, CLARIFICATION
                        HARRISBURG, PA

Agency                  PENNSYLVANIA STATE POLICE; PAPSP0062;
Agency Telephone        7176574130
Address                 STRATEGIC DEVELOPMENT DIVISION, 2629 MARKET PLACE
                        HARRISBURG, PA

Agency                  POCONO STATE POLICE; PAPSP6900;
Agency Telephone        5704439511
Address                 HCR 1 PO BOX 18
                        WHITE HAVEN, PA

Agency                  ; PA021015C SCI CAMP HILL;
Appendix E: Reference Documents

Source material upon which this specification was based:


U.S. Department Of Justice, Office of Justice Programs
http://www.it.ojp.gov/topic.jsp?topic_id=43

U.S. Department of Justice and the Department of Homeland Security
http://www.niem.gov/

Data Format for the Interchange of Fingerprint Information
American National Standards Institute and National Institute for Standards and Technology
ANSI/NIST-ITL -2007


Extensible Stylesheet Language (XSL), http://www.w3.org/TR/xsl11/.

Extensible Stylesheet Language: Transformations (XSLT), http://www.w3.org/TR/xslt.


The following documents contain background and tutorial material.


**XML Websites**

World Wide Web Consortium [http://www.w3.org](http://www.w3.org)
XML.com [http://www.xml.com](http://www.xml.com)

**Introductions to XML**


"Beyond HTML: XML and Automated Web Processing." By Tim Bray

"The Evolution of Web Documents: The Ascent of XML." By Dan Connolly, Rohit Khare, and Adam Rifkin.

"The Extensible Markup Language (XML)." ETHOS Technology Briefings Series 1 [ETHOS - the European Telematics Horizontal Observatory].


"Introduction to XML." By Lars Marius Garshol.

"Capturing the State of Distributed Systems with XML." By Rohit Khare and Adam Rifkin.

"X Marks the Spot. Extensible Markup Language Opens the Door to a Motherlode of Automated Web Applications." By Rohit Khare and Adam Rifkin.

"Keeping Tabs Online. Doing Business on the Net is Hard Because the Underlying Software is So Dumb. XML Will Fix That." By Michael Krantz.


Experts' Revolution. XML: A Professional Alternative to HTML." By Ingo Macherius.


XML Basics Quick Start. From ZVON.org: The Guide to the XML Galaxy
Appendix F: Joint Task Force on Rap Sheet Standardization Participants

CHAIRMAN: TBD

FORMER CHAIRMEN: Gerry Coleman
Wisconsin Department of Justice

John Loverude
Illinois State Police (former)

CURRENT MEMBERS: Owen M. Greenspan
SEARCH, the National Consortium for Justice Information and Statistics

Mike Lesko
Texas Department of Public Safety

Patrice Yuh
CIJS Division, Federal Bureau of Investigation

Steve Correll
Nlets, The International Justice and Public Safety Network

Charlie Pruitt
Arkansas Crime Information Center

Glenda Winn
Maine State Police

Walt Neverman
Wisconsin Crime Information Bureau

Frank Minice
Nlets, The International Justice and Public Safety Network

Kate Silhol
Nlets, The International Justice and Public Safety Network

Catherine Plummer
Nlets, The International Justice and Public Safety Network

Paul Embley
National Center for State Courts

PARTICIPANTS: Gerard Ramker, PhD
Chief, Criminal Justice Data Improvement Program
Bureau of Justice Statistics, U.S. Department of Justice

Devon Adams
Justice Statistics Policy Analyst, Criminal Justice Data Improvement Program
Bureau of Justice Statistics, U.S. Department of Justice

Charles Schaefer
Florida Department of Law Enforcement
Randi Lorah  
Pennsylvania State Police  

Jeff Bentley  
Kentucky State Police  

Tracy Varano  
Massachusetts Criminal History Systems Board  

Tom Hopper+  
CIJS Division, Federal Bureau of Investigation  

Nancy Bloom+  
Montana Department of Justice  

Jack Parkin+  
Maine State Police  

William Casey*  
Boston Police Department  

David Gavin**  
Administration Division, Texas Department of Public Safety  

Debra M. Jenkins***  
U.S. Marshals Service  

Jim Martin+  
South Carolina Law Enforcement Division  

Robert L. Marx+  
SEARCH, the National Consortium for Justice Information and Statistics  

Tim Sweeney+  
National Law Enforcement Telecommunications System  

Dr. Paul Anderson  
PNL Associates, LLC  

FBI CIJS SUPPORT:  
Scott Phillips  
James Gerst  
Gary Barron  
Andy Herberger  
Dean Manson  
Lottie Martin  

+ Indicates past JTF member  
* Bill Casey served on the JTF in his capacity as 1st Vice Chair of the FBI CJIS Advisory Policy Board (APB)  
** David Gavin served on the JTF in his capacity as Chair of the APB  
*** Debra Jenkins served as a representative of the FBI CJIS Federal Working Group
Appendix G: National Task Force on Increasing the Utility of the Criminal History Record (1993-1995)

Chairman: Jack Scheidegger
Chief, Bureau of Criminal Identification and Information, California Department of Justice

Participants: Kenneth E. Bischoff
Director, Administrative Services, Alaska Department of Public Safety

Joseph P. Bonino
Chairman, Criminal Justice Information Services Advisory Policy Board: Commanding Officer, Records and Identification Division, Los Angeles, California Police Department

Lt. Larry Copley
Commanding Officer, Identification Section, Central Records Division, Michigan Department of State Police

Patrick J. Doyle
Immediate Past Chairman, National Crime Information Center Advisory Policy Board: Director, Division of Criminal Justice Information Systems, Florida Department of Law Enforcement

Owen M. Greenspan
Deputy Commissioner, New York State Division of Criminal Justice Services

Bruce M. Harvey
Milwaukee County, Wisconsin Justice System Coordinator

Dr. Sally Hillsman
Vice President, Research and Technical Services, National Center for State Courts

Robert R. Hole
Deputy District Attorney, Contra Costa County, California

Honorable Michael Hutchings
Utah Third Circuit Court

Frank Johnstone
Section Chief, Technical Services Section, Information Systems and Technology Division, Virginia Department of Criminal Justice Services

Carol G. Kaplan
Project Monitor, Assistant Deputy Director, Bureau of Justice Statistics, U.S. Department of Justice

George Klier
Bureau Chief, Information Services, Norfolk County, Massachusetts Sheriff’s Office

David B. Lodge

Edward J. Loughran
Director, Juvenile Justice Project, Robert F. Kennedy Memorial
Clifford H. Marshall
Sheriff, Norfolk County, Massachusetts

Jerome E. McElroy
Director, New York City Criminal Justice Agency

Judy Metz
Chief, Correctional Case Records Services, California Department of Corrections

Matthew Myers
Undersheriff, Ingham County, Michigan

Rosemarie Pifer
Director, Central Records Division, Michigan Department of State Police

Emmet A. Rathbun
Unit Chief, Criminal Justice Information Services Division, Federal Bureau of Investigation

Anthony L. Stolz Jr.
Director, Personnel Investigations Center, Defense Investigative Service, U.S. Department of Defense

Capt. R. Lewis Vass
Records Management Officer, Records Management Division, Virginia State Police

Lawrence P. Webster
Director, Court Technology Programs, National Center for State Courts

Gene Wriggelsworth
Sheriff, Ingham County Michigan

Gary T. Yancy
District Attorney, Contra Costa County, California

Virgil L. Young Jr.
Section Chief, Programs Development Section, Criminal Justice Information Services Division, Federal Bureau of Investigation