

# SENTENCING ORDER

GJXDM

## Information Exchange Package Documentation



Version 0.01

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Further information can be requested by contacting Scott D. Fairholm at  
the National Center for State Courts at 757-259-1858

# **Table of Contents**

<b><u>1. PURPOSE AND SCOPE</u></b> .....	<b>4</b>
1.1. Scope .....	4
1.2. Purpose: .....	4
<b><u>2. LIST OF ARTIFACTS</u></b> .....	<b>4</b>
<b><u>3. XML SCHEMAS</u></b> .....	<b>5</b>
3.1. GJXDM Subset Schema.....	5
3.2. Constraint Schema.....	5
3.3. Extension XML Schema .....	5
3.4. Document XML Schemas .....	5
<b><u>4. ADDITIONAL IEP PROVISIONS</u></b> .....	<b>5</b>
<b>4.1. Additional Property Definitions</b> .....	<b>5</b>
4.1.1 Document.....	5
4.1.2 Document Sections.....	5
4.1.3 Components .....	6
4.1.4 Elements .....	8
4.1.5 Document Local XML Types.....	15
4.1.6 Document Local XML Elements.....	17
<b>4.2. Minimal Properties Set</b> .....	<b>18</b>
<b>4.3. Additional Business Rules</b> .....	<b>18</b>
<b>4.4. Other Information</b> .....	<b>18</b>
<b><u>5. SAMPLES</u></b> .....	<b>18</b>
5.1. Sample XML Instances.....	18
5.2. Sample XSL Style Sheets .....	18
<b><u>6. DEVELOPMENT</u></b> .....	<b>19</b>
6.1. Participants.....	19

<b>4.2. Process:</b> .....	<b>19</b>
<b>6.3. Development Artifacts</b> .....	<b>21</b>
6.3.1. Data Model Diagram .....	21
6.3.2. Source Documents.....	22
6.3.3. Revision History.....	22
<b><u>7. TESTING AND CONFORMANCE</u></b> .....	<b>22</b>
<b>7.1. Testing</b> .....	<b>22</b>
<b>7.2. Conformance</b> .....	<b>22</b>
<b><u>8. FEEDBACK</u></b> .....	<b>22</b>

## **1. Purpose and Scope**

### **1.1. Scope**

National

### **1.2. Purpose:**

The purpose is to create sentencing reference documents using the Global Justice XML Data Model (GJXDM). The IEPD is intended to act as a guide or template for local jurisdictions implementing electronic exchange of information, in this case, sentencing order information. It is expected that jurisdictions that implement the exchange will extend and/or constrain the IEPD to fit their individual needs. Ultimately, as the result of the experience gained through local implementations, the IEPD will be revised with the goal of moving toward a single standardized exchange.

The purpose of developing any IEPD is to achieve the following:

- Facilitate information sharing within the court community and between courts and other justice partners.
- Facilitate the development of consistent and reusable court data components.
- Reduce costs and increase efficiency of information sharing efforts.
- Establish court information sharing policies and procedures.
- Foster collaborative development between the courts and other justice domains.
- Create a common understanding and language between domain experts and technical experts.

## **2. List of Artifacts**

The IEPD, in its entirety, is located at

[http://www.ncsconline.org/D\\_Tech/gjxdm/#SentencingOrder](http://www.ncsconline.org/D_Tech/gjxdm/#SentencingOrder).

1. GJXDM Subschema
2. Extension Schema
3. Document Schema
4. Data Model Diagram
5. XMI Export
6. XML Mappings
7. GIEP Description

### **3. XML Schemas**

All schemas associated with the IEPD are located at [http://www.ncsconline.org/D\\_Tech/gjxdm/#SentencingOrder](http://www.ncsconline.org/D_Tech/gjxdm/#SentencingOrder).

#### **3.1. GJXDM Subset Schema**

The GJXDM Subset Schema is located at [http://www.ncsconline.org/D\\_Tech/gjxdm/iepd/SentencingOrder/Sentencing%20Order%20Schema%20Package/jxdm/3.0.2/jxdm.xsd](http://www.ncsconline.org/D_Tech/gjxdm/iepd/SentencingOrder/Sentencing%20Order%20Schema%20Package/jxdm/3.0.2/jxdm.xsd).

#### **3.2. Constraint Schema**

Because this is a national model, there is no constraint schema defined.

#### **3.3. Extension XML Schema**

The Extension Schema is located at [http://www.ncsconline.org/D\\_Tech/gjxdm/iepd/SentencingOrder/Sentencing%20Order%20Schema%20Package/nc.xsd](http://www.ncsconline.org/D_Tech/gjxdm/iepd/SentencingOrder/Sentencing%20Order%20Schema%20Package/nc.xsd).

#### **3.4. Document XML Schemas**

The Document Schema is located at [http://www.ncsconline.org/D\\_Tech/gjxdm/iepd/SentencingOrder/Sentencing%20Order%20Schema%20Package/Sentencing%20Order.xsd](http://www.ncsconline.org/D_Tech/gjxdm/iepd/SentencingOrder/Sentencing%20Order%20Schema%20Package/Sentencing%20Order.xsd).

### **4. Additional IEP Provisions**

None

#### **4.1. Additional Property Definitions**

##### **4.1.1 Document**

<b>Name</b>	<b>Description</b>
Sentencing Order	This sentencing model provides a data and relationship framework for information exchange based on the court's determination and order concerning a specific criminal case defendant charged with a crime. The outcome message includes information related to the participants, charges, findings, and consequences.

##### **4.1.2 Document Sections**

<b>Name</b>	<b>Description</b>
Assigned Attorney	The attorney who will prosecute the case in court.
Authorizing Person	A government official employed by a court,

Name	Description
	prosecutor, public defender, probation or other criminal justice agency.
Case	A court case.
Court	Court Description
Court Charge Disposition	Details about a punishment resulting from conviction of charges in a court case.
Defense Attorney	An attorney who defends a case.
Financial Obligation	Financial obligations that are ordered by the court to pay for victim restitution, court fees or fines.
Order	An order issued by a court requiring a person to do or not to do something.
Prosecutors Office	Office that is prosecuting the criminal case and representing the government.
Sentence Details	A court judgment, especially a judicial decision of the punishment to be inflicted on one adjudged guilty.  The sentence generally involves a decree of imprisonment, a fine and/or other punishments against a defendant convicted of a crime.
Subject	The person or organization of interest.
Supervising Agency	The criminal justice agency who has authority over the person.

### 4.1.3 Components

Name	Description
Additional Sanctions	Sanctions that are in addition to the charge penalties and may be ordered either by the court or another agency (e.g. sex offender registration, mandatory DNA collection, HIV testing, license revocation, license revocation hearing, State Concealed Weapon Hearing, Post-Release Supervision, Ignition Lock Device)
Address	Text description of the location of a person or organization
Agency Identifiers	An administrative division of a government.
Alias	An assumed name (referred to in law enforcement as an "Also Known As" or AKA
Body	Body text in a document.
Business Address	A location of an organization.
Charge Modifier	Statute that qualifies the charge (e.g. conspiracy, attempted, solicitation, party to crime)
Charge Penalty	Penalties relating to either fines or detention/imprisonment.
Community Service	Work performed by law offenders to serve a sentence in lieu of or in addition to jail time
Contact	Text and numeric information about the person who is the contact person for the data being submitted.

<b>Name</b>	<b>Description</b>
Court Case Identifiers	Reference numbers or other identifying information regarding a court case.
Court Identifiers	Reference numbers or other identifying information regarding a court.
Deferred Term	Period of time that a sentence is delayed to provide the opportunity for a sentenced person for any number of reasons including pending the outcome of appeal, to get their affairs in order, etc. May be referred to as a Stayed Sentence.
Dismissal	An order or notice of discharge.
Drivers License	Official motor vehicle operators license issued by a state or legislatively authorized government organization.
Effective Dates	The effective dates for a court order, warrant, or sentence.
Enhancer	Anything that enhances the penalty of the underlying crime. Examples include crime committed within 1000 feet of a school, committed with a gun, gang violence.
Incarceration Term	Details regarding a period of time that is assigned to a person to serve in confinement.
Jurisdiction	The legal authority of a court.
Justice Person Identifiers	Badge number, bar number and employment name for Affiant for the Arrest Warrant.
Legal Authority for Offense	The underlying substantive offense
Name	The name of the person.
Obligation Details	An obligation to pay money to the court, government, or another party.
Person Identifiers	Identifying numbers such as social security number, law enforcement officer badge number, or FBI or state criminal ID number.
Physical Characteristics	Identify scars, marks, tatoos and other distinguishing physical characteristics. This can include missing limbs, large ears, etc.
Physical Descriptors	The physical description of a person.
Plea	An accused party's answer to a criminal charge or indictment.
Previous Case Identifiers	Identifiers for previous cases for the defendant or group of defendants.
Probation	A convicted person who has received a suspended sentence for conviction of a criminal offense that has been granted provisional freedom on the promise of good behavior and following the guidelines set forth by the court.
Recipient Organization	An organization to whom a payment obligation must be fulfilled.
Recipient Person	A person to whom a payment obligation must be fulfilled.
Related Case Identifiers	Identifiers for concurrent or previously related court cases not caused by the incident in question.

<b>Name</b>	<b>Description</b>
Residential Address	Details about an address for a place where a person lives.
Sentence Credit	The positive amount of time applied to a person's sentence of incarceration or probation.
Sentence Description	Details of the criminal sentence.
Sentence Relationships	How a sentence is associated to the sentence in another charge within the same case and how that sentence impacts this sentence. This relationship may be established to charges in another case. Relationships may be established for any sentence type including incarceration, probation, etc. For example, a judge may order a sentence to be served concurrently or consecutively or forthwith (supercedes other sentences).
Social Details	Information regarding a persons citizenship and military service status.
Suspended Term	Describes the period for which the execution of a sentence is delayed or canceled pending the outcome of an alternative form of punishment or fulfillment of specified conditions.
Verdict	The finding of a judge or jury in a trial.
Verification	Mechanism for validation of subject. This may include fingerprinting, etc.
Work Address	Address of an employer

#### 4.1.4 Elements

<b>Name</b>	<b>Description</b>
Advisory Notification Agency	Agency(s) that the court must advise additional outside agencies of the outcome (e.g. notify DMV of a DUI conviction that may lead to drivers license revocation)
Age At Incident Description	Age of the alleged person at time of the incident. This element should also allow for an approximate age if specific date of birth is not known.
Agency Code Identifier	An alphanumeric code used and assigned locally to agencies to uniquely identify them within that jurisdiction.
Agency Name	Name of a justice agency, e.g. police department, law firm, court.
Agency ORI	A unique identifier assigned to a justice-related organization by the federal government. Sometimes referred to as ORI, ORI code, Originating Agency Code.
Agency Reporting District	Name of a work group or area in a local office
Alternative Charge Indicator	If this is a charge that offers an alternative to the primary charge, set to True. It is a second charge on the same count.



Name	Description
Amended Sentence Case Number	Docket number of the previous case if an existing sentence is being amended.
Amended Sentence Description	Describes why the order has been amended. Examples include violation of probation, changed disposition, or when a judge revises and revokes a previous order.
Area Code	A dialing code for a state or province for phone numbers in the USA, Canada, Mexico, and the Caribbean.
Bar Number	The defense attorney's unique identifier. assigned by a state or bar association to an attorney authorized to practice law.
Branch	Name of the branch of a court with facilities in multiple locations.
Building Designation	A number or letters assigned to identify a building in an address.
CDL Status Code	Indicates the current status of a Commercial Drivers License (e.g. suspended, expired)
Case Caption	Official case title for court record.
Case Category	For trial courts, there are five case categories, representing the highest level of classification: <ul style="list-style-type: none"> <li>· Civil</li> <li>· Domestic Relations</li> <li>· Criminal</li> <li>· Juvenile</li> <li>· Traffic, Parking, &amp; Local Ordinance Violations</li> </ul>
Case Reference	References a case number.
Case Tracking Number	Number used to track a case through the system. Live Scan may generate this number. If the person has not been printed the court may assign number and provide number to law enforcement.
Charge Attribute	Additional information that notifies the court of special conditions (e.g. domestic violence, white collar crime, or court reporting requirements)
Charge Count Number	Number assigned within a case to an individual charge to identify it for sentencing reporting purposes.
Charge Description	Statutory text describing the offense committed by the defendant and how it applies to the cited statute.
Charge Modifier Description	Phrase or word that qualifies the charge (e.g. conspiracy, attempted, solicitation, party to crime)
Charge Reference	Details about a formal allegation that a specific person has committed a specific offense.
Charge Text	A narrative description of the facts and circumstances for which a statute is charged. In the event of a correctable offense, this may include text that describes the equipment (tail light, headlight, etc.) that requires fixing; if fixed, citation is dismissed

<b>Name</b>	<b>Description</b>
Charge Title	A summary heading of a crime or offense.
Charge Type	Severity of the charge (e.g., infraction, misdemeanor, felony).
Citizenship	Code or text indicating a country of citizenship.
Community Service Description	Description of the time and duties the defendant is sentenced to relating to a community service consequence.
Community Service Type	A code or indicator for type of community service a defendant is sentenced to perform.
Count Number	A unique identifying number assigned to a particular charge by an arresting agency, prosecuting attorney, or a court for case management purposes.
Country Code	An international dialing code for a country.
Country Name	Name of the country
County Name	The name of the County governmental unit.
Court Case Number	A unique identifier assigned to a court case.
Court ID	An identifier of an organization based on the type of organization it is, e.g., for a court, this would be a court identifier.
Court Name	Official name of the court.
Court ORI	A unique identifier assigned by the federal government to a court as a participating criminal justice agency.
Court Type	Type or level of court that has jurisdiction, e.g., county court, municipal court, superior court
Date of Birth	A person's date of birth.
Deferred Description	Code or other indicator for deferred sentence.
Digital Image	A photograph rendered into digital format
Digital Verifier	Digital representation of an photograph, fingerprint, or biometric.
Digital Verifier Type	Text describing the type of verification (e.g. fingerprint, image, biometric)
Dismissal Code	A code indicating the reason for the case to be dismissed.
Dismissal Description	Text description of the reason the case was dismissed.
District	Name or identifier of a judicial district within a court system.
Division	A sub-unit of a court responsible for a particular area of law or legal matters (e.g., criminal, juvenile, civil, traffic).
Due Date	The due date for a financial obligation.
Duration Hours	A specific range or duration of a term.
Email Address	An email address of a person or organization.
Employment Position Name	A title related to a person's profession (e.g. District Attorney, Sheriff, Judge ).
Endorsement Code	Indicates the driver's authority to drive specific

Name	Description
	vehicle types (e.g. hazardous materials, tanker, school bus). Subject either have multiple endorsements or comprehensive codes that cover multiple endorsements.
Entry Date	The date that the plea or dismissal was made to the court.
Ethnicity	A person's ethnicity.
Expiration Date	Date a document or order expires unless further action occurs.
Extension	Additional numbers to be entered to direct a call to the appropriate place.
Eye Color Code	A code representing person's eye color.
FBI Number	A unique number assigned to a defendant by the FBI based on submitted fingerprints.
Fax Number	A facsimile number of a person or organization. Sometimes referred to as a FAX or fax number.
Federal DOT Number	Number assigned by DOT to an organization
First Name	First name of a person.
Floor	The floor number of a particular building
Hair Color Code	A code representing person's hair color.
Height Measure	A person's height.
Incarceration Location	A description of the incarceration location ordered by the court. For example: DOC, local jail, mental hospital, work camp, weekend jail, state prison.
Incarceration Type	A code or description indicating the type of incarceration (e.g. Term, Execution, Life Without Parole, Life With Parole)
Inmate Identifier	A person-based number assigned by Department of Corrections. This may include an inmate locator identifier.
Interpreter Required Indicator	Set to yes if a person needs an interpreter.
Issue Date	Date an order was issued.
Issue Time	Time of day an order was issued.
Issuing Country	If an International Drivers License, indicates the country that a person has a valid drivers' license in.
Judicial Officer Identifier	A number that is assigned to judicial personnel.
Last Name	Last name of a person.
License Class Code	A code indicating the types of vehicles a person is licensed to operate ( e.g. commercial, private)
License Commercial Class Code	A code identifying the size of commercial vehicle (e.g. A, B, C) that a licensed driver has been examined on and approved to operate.
License Issuing Jurisdiction	The state or other authorization (e.g. DOD) from which a driver's license was issued.
License Number	Unique identifier assigned by the state to a driver's license.
License Restriction Code	A code indicating any constraints or restrictions on a person's authorization to operate a motor

Name	Description
	vehicle.
Lieu Of Sentence Description	Describes the ability for an offender to perform community service in lieu of serving jail time or paying a fine. The supervising agency is responsible for calculating the impact of the community service.
Lieu Of Sentence Rate	Rate at which community service pays off a jail sentence or a fine.
Living Indicator	True if a person is alive, false if a person is dead.
Local Person Identifier	A unique number assigned to a defendant by a local law enforcement agency based on submitted fingerprints or other less precise methods.
Location Description	Captures all information to identify a location. May represent street address and city, direction of travel, mile markers, cross roads, location on body, etc.
Mark Type	The type of physical feature (e.g. tattoo, scar, mole)
Maximum Duration	A maximum range or duration for a term.
Middle Name	Middle name of a person.
Military Indicator	Indicates if a person is currently on active duty in the military
Military Status	The military status of a person (active, AWOL, discharged).
Minimum Duration	A minimum range or duration for a term.
Moniker	Nickname or alternative justice identifier.
Municipality Name	Name of a city, township, etc.
NCIC Charge Code	The NCIC code assigned to the criminal case charge.
Name Prefix	A title or honorific used by a person, e.g., Dr., Judge, General, Ms.
Name Suffix	A component that is appended after the family name that distinguishes members of a family with the same given, middle, and last name, (e.g., Jr, Sr, III), or otherwise qualifies the name (e.g., MD, LLD, PhD).
Narrative	Text describing details of an order or incident.
Obligation Type	The type of financial obligation ordered by the court (fine, restitution, surcharge).
Offense Date	Date an offense occurred or began (if offense took place over a period of time). aka incident date or violation date.
Offense Description	A description of the statute violated.
Offense End Date	Date ending the period of time during which an offense occurred.
Offense End Time	Time that an offence ended
Offense Time	Violation Time
Offense Type Code	Category of offense type, e.g. check box

Name	Description
	indicating type of citation, i.e., speeding, operating under the influence, driver license violation, safety belt infraction.
Organization DBA Name	Name that the organization is doing business under.
Organization Legal Name	The official name of an organization as listed on the IRS Letter of Determination
Organization Name	A name of an organization.
Penalty Class	Class Label could be defined in sentencing guidelines (e.g. Class A, Class B, etc)
Penalty Description	The statutory description of the penalty class
Penalty Enhancer Description	Anything that enhances the penalty of the underlying crime.
Penalty Enhancer Title	Circumstances that effect the penalty
Person Full Name	Full name of a person. This is to accomodate situations where a person may have more than three names.
Plea Code	Code indicating the defendants plea to criminal charges brought against them.
Plea Description	The text description of the plea a criminal defendant has made on charges brought against them.
Postal Code	Postal zip code in an address
Postbox Number	PO Box Number
Primary Language	The principal language spoken by the person
Probation Description	Text description of the probation sentence imposed by the court.
Probation Type	Type of probation ordered by the court (standard, intensive)
Race Code	A code identifying a person's race.
Recipient Address	The address of the receipt of a financial obligation. For example, the address of the person receiving restitution payment.
Recurring Period	The recurring time period for a financial obligation. For example, a payment due to the court every two weeks.
Recurring Period Due Amount	The amount of financial obligation due to the court on a recurring schedule.
Restriction End Date	The expiration date for driving restrictions that have been placed on a driver
Sanction Description	Description of a particular sanction (i.e. revocation, registration).
Sentence Credit Applied Indicator	An indicator that credit for previously served time or other factor has been applied to the sentence.
Sentence Credit Served Days	The number of days credit applied against a sentence of incarceration.
Sentence Date Returned	The date the sentence was returned.
Sentence Description	Text description of the criminal sentence.
Sentence Effective Date	Date that a sentence is to begin.
Sentence Extension Requests	Description of a request for sentence extension.

<b>Name</b>	<b>Description</b>
Sentence Results	Description of the result of a sentence.
Sex Code	A code indicating a person's sex.
Skin Tone Code	A code identifying the color of a persons skin.
Social Security Number	A unique identifier assigned to a defendant by the Social Security Administration.
State	Name or abbreviation of the state in an address.
State ID Number	A number assigned to a defendant by a state based on submitted fingerprints.
State Motor Carrier Number	Number assigned by the state to an organization.
Statute Code	Alpha reference to a section or category within a charge code book. (e.g. in VC123.23(a), the VC portion is the statute code)
Statute Enactment Date	Date a particular statute became law.
Statute Number	Alphanumerical reference indicating the statute violated within a charge code book (e.g. in VC123.23(a), the 123.23(a) portion is the statute number)
Street Name	A name of a street.
Street Number	A number that identifies a particular unit or location within a street.
Street Post Directional	A direction that appears after a street name.
Street Pre Directional	A direction that appears before a street name.
Supervising Agency Reference	The organization primarily associated with the activity.
Telephone Number	A full length telephone identifier.
Term Duration	Text description of the duration of a sentence term.
Term Relationship Type	Describes the sentence relationship with another charge or case in a sentence. Includes concurrent, consecutive, and Served Forthwith.
Total Due	The total amount from all fines and sanctions due by the defendant in the sentence.
Verdict Code	Code describing the verdict of the judge and/or jury for each charge in the case.
Verdict Date	The date the the verdict was made in the case.
Verdict Description	Text description of the case verdict.
Victim Rights Offense Indicator	The statutory requirements for victim notification.
Weight Measure	A person's weight.

#### 4.1.5 Document Local XML Types

Name	Description
ActivityType (SuperType)	A structure that describes details about an activity or process that occurs.
AddressType (SuperType)	A structure that describes a postal location to which paper mail can be directed.
AgeMeasureType (MeasureType)	A structure that describes an age.
BinaryType (SuperType)	A structure that describes a digital representation of an object encoded in a binary format.
BiometricType (SuperType)	A structure that describes information used to measure a biological or behavioral characteristic.
BuildingType (SuperType)	A structure that describes details about a building.
ChargeApplicabilityStatuteType (StatuteType)	The statutory reference for defining charge applicability such as a class A, or class 1 felony.
ChargeClassificationType (SuperType)	A structure that describes details that further describe and classify a charge.
ChargeDismissalType (ActivityType)	Information regarding the codes and description for a charge dismissal.
ChargeDispositionType (SuperType)	A structure that describes details about the results or processing of a charge.
ChargeEnhancingFactorType (ChargeEnhancingFactorType)	The type or factor of charge enhancement.
ChargeEnhancingFactorType (SuperType)	A structure that describes details about a factor or reason that makes a charge more serious.
ChargeReportingType (SuperType)	A structure that describes details about information that is sent to local, state, or federal repositories describing the nature of a charge in terms of official codes, terms, and fields.
ChargeType (ChargeType)	A structure that describes details about a formal allegation that a specific person has committed a specific offense.
ChargeType (SuperType)	A structure that describes details about a formal allegation that a specific person has committed a specific offense.
ContactInformationType (SuperType)	A structure that describes details about how to contact a person or an organization.
DocumentType (SuperType)	A structure that describes inherent and frequently used characteristics of a document.
DriverAuthorizationType (SuperType)	A structure that describes details about an authorization issued to a driver granting driving privileges.
DriverLicenseType (DriverAuthorizationType)	A structure that describes details about a license issued to a person granting driving privileges.
DrivingRestrictionType (SuperType)	A structure that describes details about a restriction applicable to a driver permit or license.
ElevationUnitCodeType	A code list that enumerates the units of

Name	Description
	measurement for an elevation.
EmploymentType (SuperType)	A structure that describes details about an employment of a person.
FinancialObligationType (ObligationType)	A structure that describes a monetary obligation or requirement, e.g., fee, restitution.
FingerprintSetType (BiometricType)	A structure that describes a representation or an encoding of the identifying characteristics of a set of person's fingerprints.
IDType (SuperType)	A structure that describes an identifier of an entity.
ImageType (BinaryType)	A structure that describes a representation of an image.
IncidentType (ActivityType)	A structure that describes a criminal or non-criminal activity that occurred.
LocationType (SuperType)	A structure that describes a physical location.
MeasureType	A structure that describes a representation of a measurement.
MilitarySummaryType (SuperType)	A structure that describes a summary about the service of a person in the military.
NumericType	A structure that represents a number value and includes numeric metadata.
ObligationExemptionType (SuperType)	A structure that describes the waiving or dismissal of a payment of an obligation.
ObligationType (SuperType)	A structure that describes an obligation or requirement.
OrganizationType (SuperType)	A structure that describes a unit which conducts some sort of business or operations.
PersonAssignedIDDetailsType (SuperType)	A structure that describes a set of identifications issued to a person.
PersonBiometricDetailsType (SuperType)	A structure that describes a set of measurable biological or behavioral characteristics of a person.
PersonHeightMeasureType (MeasureType)	A structure that describes a measurement of the height of a person.
PersonNameTextType (TextType)	A structure that describes a name of a person.
PersonNameType (SuperType)	A structure that describes a name of a person.
PersonOtherIDType (IDType)	A structure that describes an identifier issued to a person.
PersonPhysicalDetailsType (SuperType)	A structure that describes the physical appearance of a person.
PersonSocialDetailsType (PersonSocialDetailsType)	A stucture containing information regarding a person's social information such as the need for an interpreter.
PersonSocialDetailsType (SuperType)	A structure that describes the social characteristics of a person.
PersonType (SuperType)	A structure that describes the inherent and frequently associated characteristics of a person.
PersonWeightMeasureType (MeasureType)	A structure that describes the measurement of the weight of a person.
PhysicalFeatureType (SuperType)	A structure that describes a physical feature of a person.
PleaType (ActivityType)	A structure that describes an answer which a



Name	Description
	defendant in an action at law makes to charges.
QuantityType (NumericType)	A structure that describes a count or tally. May include units.
ReferenceType	None
ResidenceType (LocationType)	A structure that describes a place in which a person lives.
SanctionType (ActivityType)	A structure that describes a sanction or penalty ordered for a subject as a result of a disposition of a charge.
SentenceDetailsType (SuperType)	A structure that describe the requirements of a sentence.
SentenceType (SentenceType)	A structure that describes a punishment resulting from conviction of charges in a court case.
SentenceType (ActivityType)	A structure that describes a punishment resulting from conviction of charges in a court case.
StatusType (SuperType)	A structure that describes the conditions or status of a person, activity, or object.
StatuteType (SuperType)	A structure that describes a law, rule, or ordinance within a jurisdiction.
StreetType (SuperType)	A structure that describes a street.
SubjectType (SubjectType)	A structure that describes a person who is involved or suspected of being involved in an incident or criminal activity.
SubjectType (PersonType)	A structure that describes a person who is involved or suspected of being involved in an incident or criminal activity.
SuperType	A structure that describes metadata common to most other structures.
TelephoneNumberType (SuperType)	A structure that describes a telephone number that can be dialed to reach a contact.
TermType (ActivityType)	A structure that describes a duration length either in specific terms or as a range.
TextType	A proxy structure that represents a character string, generally in the form of words of a language, and includes language metadata.
VerdictType (ActivityType)	A structure that describes a finding related to a charge.

#### 4.1.6 Document Local XML Elements

Name	Description
AlternativeChargeIndicator	The indication of an alternative charge for a warrant.
ChargeApplicabilityStatute (ChargeApplicabilityStatuteType)	Description of the statute that defines the applicability of the degree of the charge being applied in the case.
ChargeDismissal (ChargeDismissalType)	Details describing the dismissal of a charge.
ChargeEnhancingFactor (ChargeEnhancingFactorType)	Details about a factor or reason that makes a charge more serious (e.g., armed, against the

Name	Description
	elderly, hate crime)
InterpreterRequiredIndicator	Yes/No flag indicating if a person requires an interpreter.
PenaltyStatute (StatuteType)	The law or ordinance that the penalty was based upon.
PersonSocialDetails (PersonSocialDetailsType)	A person's social details such as whether they require an interpreter.
Sentence (SentenceType)	Details about a punishment resulting from conviction of charges in a court case.
SentenceCharge (ChargeType)	A specific charge in a court case resulting in a sentence.
Subject (SubjectType)	A person who is involved or suspected of being involved in an incident or criminal activity. This person may be the focus of an investigation or legal process, but is not necessarily the sole or primary focus.
VictimRightsOffenseIndicator	Indicates there are statutory requirements for victim notification.

## 4.2. Minimal Properties Set

Because this is a national model, there are no minimal property sets defined. However, local jurisdictions will likely want to define information regarding the property cardinality in the XML schemas.

## 4.3. Additional Business Rules

The definition of this document has been limited to identifying those elements that are currently in use and in which at least one use case could be cited during the development process. While other elements may be used in specific courts or jurisdictions, the intent of the IEPD is to compile the commonly used information to provide a basic structural template for the creation of jurisdictionally based messages.

## 4.4. Other Information

None

## 5. Samples

Samples have not been developed for the Sentencing Order IEPD.

### 5.1. Sample XML Instances

Samples have not been developed for the Sentencing Order IEPD.

### 5.2. Sample XSL Style Sheets

Samples have not been developed for the Sentencing Order IEPD.

## **6. Development**

### **6.1. Participants**

James McMillan	NCSC
Shara Bunis	NCSC Consultant
Tom Carlson	NCSC
Scott Came	Vendor - Justice Integration
Mary Conroy	Court - New York
Linda Emeott	Court - Minnesota
Linda Holt	Court - Massachusetts
Larry Brendel	Court - Missouri
Toby Houston	Court - Colorado
Roland Silva	Court - Texas
Doug Bullock	Court - Louisiana
Paul Barron	Court - Utah
Bob Pace	Court - North Carolina
Dana Courson	Court - Montana
Mark Perbix	Prosecuter - SEARCH

### **4.2. Process:**

In March, 2004 the COSCA/NACM Joint Technology Committee was asked to choose from a list of common inter-agency and inter-departmental justice messages and rank the most commonly used court forms and communications. The top four selections were citation, protection order, sentence, and warrant documents. Because these are the most common forms used by courts and therefore, the most common communication data exchanges, these four selections have served as the basis of the initial IEPD work performed by the National Center for State Courts.

A key element of the project was to establish a court Joint Standards Development (JSD) Team to participate in the development of the IEPD. The JSD team included participants from the courts, prosecutors, SEARCH and the justice industry. (See Section 6.1)

The first step in the creation of reference documents is to solicit court forms and electronic data exchanges from State Court IT Directors. In late May and early June, 2004, an updated listing of State Court IT Directors was completed and an e-mail was sent soliciting forms and electronic messages already used by courts for traffic and misdemeanor citation and domestic violence protection orders. The following states sent information for sentencing documents:

- Arizona
- Alaska
- Arkansas
- Massachusetts
- Michigan

- New Mexico
- Oklahoma
- Pennsylvania
- South Carolina
- Utah
- Virginia

Once the forms and other data transmission source documents were collected, both NCSC and contract staff extracted the data elements from the forms and organized them by state and then grouped them by like element. After performing the first analysis, and based on input from other GJXDM related meetings, it was determined that it would benefit all to create a data relationship model, or domain model, so as to better understand the organization, relationships and groupings of data involved in the exchange. The domain model is a pictorial representation from the business perspective of the groupings, Sections, Components and Elements, that make up the exchange.

A JSD meetings was held for developing the Sentencing Order IEPD in Chicago, Illinois on August 24, 2004. During the meetings participants were asked to review the proposed domain model to determine: the appropriateness of the groupings, the need for each of the elements within the groupings, and the need for additional elements not present.

Following the JSD meetings URL Integration, a sub-contractor to the NCSC, used their excellent data mapping and organization software to map the elements to the GJXDM and to define and associate new extension elements where needed.

Subsequent follow-up work was conducted through WebEx conference calls with the JSD team. This included vetting the resulting domain model, vetting the descriptions and definitions of both GJXDM and extension elements for appropriateness, and reviewing the final IEPD once generated.

Draft versions of the proposed IEPD have been placed for open review by the justice community at:

[http://www.ncsconline.org/d\\_tech/gjxdm#SentencingOrder](http://www.ncsconline.org/d_tech/gjxdm#SentencingOrder).

## 6.3. Development Artifacts

### 6.3.1. Data Model Diagram

The domain model is located at

[http://www.ncsconline.org/D\\_Tech/gjxdm/iepd/SentencingOrder/GIEP%20Definition%20Documents/DocumentModel.jpg](http://www.ncsconline.org/D_Tech/gjxdm/iepd/SentencingOrder/GIEP%20Definition%20Documents/DocumentModel.jpg).



### **6.3.2. Source Documents**

Source documents are available at: [http://www.ncsconline.org/d\\_tech/gjxdm/](http://www.ncsconline.org/d_tech/gjxdm/) or by contacting the National Center for State Courts at 757-259-1863.

### **6.3.3. Revision History**

Version 0.01 – November, 2005

## **7. Testing and Conformance**

Testing and conformance activities are expected to be conducted through the upcoming JTC Standards Process.

### **7.1. Testing**

Testing activities are expected to be conducted through the upcoming JTC Standards Process.

### **7.2. Conformance**

Conformance activities are expected to be conducted through the upcoming JTC Standards Process.

## **8. Feedback**

Feedback will be incorporated as it is received. The extension schema will be supplied to the XSTF.