ARREST WARRANT

GJXDM

Information Exchange Package Documentation

Version 0.01

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Table of Contents

1. Purpose and Scope

1.1. Scope

National

1.2. Purpose:

The purpose of the Arrest Warrant IEPD is to create and document a national court standard for the arrest warrant exchange 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 arrest warrant 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 consitent 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 it's entirety, is located at
http://www.ncsconline.org/D_Tech/gjxdm/#ArrestWarrant.

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/#ArrestWarrant.

3.1. GJXDM Subset Schema

The GJXDM Subset Schema is located at
http://www.ncsconline.org/D_Tech/gjxdm/iepd/ArrestWarrant/Arrest%20Warrant%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/ArrestWarrant/Arrest%20Warrant%20Schema%20Package/nc.xsd.

3.4. Document XML Schemas

The Document Schema is located at
http://www.ncsconline.org/D_Tech/gjxdm/iepd/ArrestWarrant/Arrest%20Warrant%20Schema%20Package/Arrest%20Warrant.xsd.

4. Additional IEP PRovisions

None

4.1. Additional Property Definitions

4.1.1 Document

Name	Description
Arrest Warrant	This GJXDM draft document is to provide a reference for the requesting agency to the court for an arrest warrant and issuance from the court of an arrest/bench warrant.

4.1.2 Document Sections

Name	Description
Affiant	The name of the person who swears to an affidavit. This may include a law enforcement officer, a grand jury, etc.
Affiant Agency	Agency that originates the request for a warrant.
Case	A court case.
Court	Court Description

Name	Description
Judicial Officer	A judge or other judicial official that issued a court order.
Offense	Describes an alleged act which may constitute a violation of a criminal statute, ordinance, court order or rule.
Requesting Agency	Agency that requests that the court issue a document or initiate an action.
Requesting Person	The person requesting a document or action.
Subject	The person or organization of interest.
Vehicle	A motor vehicle.
Warrant Order	An authorization for an enforcement official to perform a specified action such as arresting a person or searching a residence.
Warrant Validation Agency	Agency that holds the physical warrant and confirms the current status of a warrant. This is common in automated warrant systems to enable an automatic locate of a warrant.

4.1.3 Components

Name	Description
Address	Text description of the location of a person or organization
Agency Case Identifier	Identifiers assigned by an agency and/or other systems such as Offender Based Tracking System (OBTS) or Offender Cycle Number (OCN).
Agency Identifiers	An administrative division of a government.
Alias	An assumed name (refered to in law enforcement as an "Also Known As" or AKA
Authorization	The digital signature, signature image, and signature block for the judicial officer authorized to authorize or deny the arrest warrant.
Bail	Security, usually a sum of money, exchanged for the release of an arrested person as a guarantee of that person's appearance for trial.
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)
Contact	Text and numeric information about the person who is the contact person for the data being submitted.
Contact Phone	Name of a person to communicate with.
Court Case Identifiers	Reference numbers or other identifying information regarding a court case.
Court Identifiers	Reference numbers or other identifying information regarding a court.
Custody Location	Agency that is servicing the arrest warrant.
Drivers License	Official motor vehicle operators license issued

Name	Description
	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.
Extradition	Legal surrender of a fugitive to the jurisdiction of another state, country, or government for trial.
Fine	A forfeiture or penalty to be paid to the court or an offended party in a civil action.
Grand Jury Identifier	Grand Jury type and panel number identifiers.
Jurisdiction	The legal authority of a court.
Justice Person Identifiers	Badge number, bar number and employment name for Affiant for the Arrest Warrant.
Last Known Location	Describes the last known location of a subject.
Legal Authority for Offense	The underlying substantive offense
Name	The name of the person.
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.
Residential Address	Details about an address for a place where a person lives.
Service Cautions	A caution, warning, or risk advisement given as an alert to an official servicing a court order.
Service Limitation	Geographical and other limitations placed on service and transportation
Social Details	Information regarding a persons citizenship and military service status.
Vehicle Identification	Details regarding a motor vehicle.
Vehicle Registration	When the vehicle plate is issued, the vehicle is registered.
Warrant Detail	Details regarding a judicial writ authorizing an officer to make a search, seizure, or arrest or to execute a judgment.
Work Address	Address of an employer

4.1.4 Elements

Name	Description
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 Case Identifier	A unique identifier assigned by an agency (e.g. law enforcement, probation, parole,

Name	Description
	prosecution) to track a case.
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.
Area Code	A dialing code for a state or province for phone numbers in the USA, Canada, Mexico, and the Caribbean.
Badge Number	Identifer that is either assigned by a law enforcement agency or other entity to each officer. This may be an employee number or a court assigned PIN.
Bail Amount	Monetary amount set for the defendant's bail.
Bail Condition	Conditions that must be met to be released on bail.
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.
CMV Weight	Weight of a Commercial Motor Vehicle. This influences fines and other sanctions.
Case Caption	Official case title for court record.
Caution Code	NCIC: A 2-digit CMC (caution & medical conditions) message field code to, for example, specify weapon involved ("Armed and Dangerous").
Caution Description	A description message field used to specify medical and weapon involved ("Armed and Dangerous").
Charge Attribute	Additional information that notifies the court of special conditions (e.g. domestic violence, white collar crime, or court reporting requirements)
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

Name	Description
	crime)
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
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.
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.
Digital Image	A photograph rendered into digital format
Digital Signature Certificate	Digital signature (or public key digital signature) is a type of method for authenticating digital information analogous to ordinary physical signatures on paper, but implemented using techniques from the field of public key cryptography.
Digitized Signature Image	Image of a persons signature
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).
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).
Ethnicity	A person's ethnicity.
Expiration Date	Date a document or order expires unless further action occurs.

Name	Description
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.
Fine Amount Due	The amount due to a court for an offense.
Fine Amount Due Date	The date payment for a fine is due.
Fine Type	The purpose for this fine (e.g. court costs, surcharge, scheduled amount)
First Name	First name of a person.
Floor	The floor number of a particular building
Grand Jury Type	Examples include a State wide grand jury, county grand jury or special grand jury.
Hair Color Code	A code representing person's hair color.
Height Measure	A person's height.
Incident Identifier	Ties a subject through biometric based identifiers to a particular incident. Also known as a OBTS (Offender Based Tracking System) or an OCN (Offense Cycle Number).
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.
Judicial Officer Identifier	A number that is assigned to judicial personnel.
Last Name	Last name of a person.
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.
Limitation Code	Limitations place on the extradition of a subject from an area outside the immediate jurisdiction of the issuing court.
Limitation Text	Text that may constrain how far a law enforcement officer may transport a defendant from an area outside the jurisdiction of the issuing court.
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)
Middle Name	Middle name of a person.

Name	Description
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).
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.
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 indicating type of citation, i.e., speeding, operating under the influence, driver license violation, safety belt infraction.
Panel Number	Specifies a particular grand jury panel.
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.
Plate Jurisdiction	State that issued the license plate
Plate Number	A alphanumeric identifier assigned to a vehicle license plate.
Plate Type	Type of license plate displayed on vehicle (e.g. commercial)
Postal Code	Postal zip code in an address
Postbox Number	PO Box Number
Primary Language	The principal language spoken by the person
Race Code	A code identifying a person's race.
Service Restriction	Restrictions on how a court order may be serviced.
Sex Code	A code indicating a person's sex.
Signature Block	An electronic signature imputed to a text via one or more of several means (e.g. //John Doe/Magistrate)

Name	Description
Skin Tone Code	A code identifying the color of a persons skin.
Social Security Number	A unique identifer 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.
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.
Telephone Number	A full length telephone identifier.
Transportation Description	e.g. 100 miles outside of El Paso County
Transportation Distance	Description of transportation limits such as national, state, local
Vehicle Classification	Authorized vehicle usage (e.g. A, B, C).
Vehicle Identification Number	A unique combination of alphanumeric characters that identifies a specific vehicle-- often called VIN.
Vehicle Make Code	A code identifying the manufacturer of a vehicle.
Vehicle Model Code	A code identifying the specific design or type of vehicle made by a manufacturer. Sometimes referred to as the series model.
Vehicle Model Year	A year which is assigned to a vehicle by the manufacturer.
Vehicle Ownership Type	Text describing the type of owner of the vehicle (personal, company, organization, government)
Vehicle Primary Color Code	A code identifying a single, upper-most, front-most, or majority color of a vehicle.
Vehicle Relationship Description	Describes the relationship between the subject and the vehicle (e.g. owned, stolen, rented).
Vehicle Secondary Color Code	A code identifying the lower-most or rear-most color of a two-tone vehicle or the lesser color of a multi-colored vehicle.
Vehicle Style Code	A code identifying the style or body type of a vehicle (e.g. van, pickup, 2 door, motorcycle etc.)

Name	Description
Victim Rights Offense Indicator	The statutory requirements for victim notification.
Violation Zone Type	The type of the special incident zone if the incident occurs within a violation zone (e.g. construction, railroad, school, utility). Multiple zones may be selected.
Warrant Action	Recall, add, or other activity.
Warrant Number	An identifying number or alphanumeric combination assigned to tranck a warrant.
Warrant Probable Cause	Text describing justification for securing a warrant.
Warrant Type	A text or code indicating the type of warrant (e.g., Arrest, search, bench).
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.
AuthorizationBinaryType (BinaryType)	The binary computer format for the authorization data.
BinaryType (SuperType)	A structure that describes a digital representation of an object encoded in a binary format.
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.
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

Name	Description
	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.
ElevationUnitCodeType	A code list that enumerates the units of measurement for an elevation.
EmploymentType (SuperType)	A structure that describes details about an employment of a person.
GrandJuryIndictmentType (ActivityType)	The type of indictment issued by the grand jury.
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.
JudicialOfficialBarMembershipType (SuperType)	A structure that describes a legal capacity in which a judicial official is able to practice law.
JudicialOfficialType (JudicialOfficialType)	A structure that contains information regarding the judge's or hearing officer's digital signature.
JudicialOfficialType (PersonType)	A structure that describes a person involved in a judicial area of government.
LocationType (SuperType)	A structure that describes a physical location.
LocationType (LocationType)	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.
ObligationType (SuperType)	A structure that describes an obligation or requirement.
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.

Name	Description
PersonType (SuperType)	A structure that describes the inherent and frequently associated characteristics of a person.
PersonType (PersonType)	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.
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.
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.
TextType	A proxy structure that represents a character string, generally in the form of words of a language, and includes language metadata.

4.1.6 Document Local XML Elements

Name	Description
AlternativeChargeIndicator	The indication of an alternative charge for a warrant.
AuthorizationBinary (AuthorizationBinaryType)	This is an indicator that denotes "true" if an authorization is present.
ChargeApplicabilityStatute (ChargeApplicabilityStatuteType)	Description of the statute that defines the applicability of the degree of the charge being applied in the case.
ChargeEnhancingFactor (ChargeEnhancingFactorType)	Details about a factor or reason that makes a charge more serious (e.g., armed, against the elderly, hate crime)
ChargeFactorText (TextType)	Details about a factor involved that has an effect on a charge. Example: narcotics, computer, radar, domestic violence, employment, bias, injury, hazmat, CMV.
CourtCharge (ChargeType)	A charge a person is tried for in court. This may be different from or the same as its

Name	Description
	predecessor arrest and prosecution charges.
CourtOrderIssuingJudicialOfficial (JudicialOfficialType)	A judge or other judicial official that issued a court order.
CourtOrderRequestActor.Person (PersonType)	A person or organization which requested a court order.
GrandJuryIndictment (GrandJuryIndictmentType)	The finding of indictment by the Grand Jury.
InterpreterRequiredIndicator	Yes/No flag indicating if a person requires an interpreter.
LastKnownLocation (LocationType)	Describes the last known location of a subject.
PersonAuthorizationBlock (TextType)	Information regarding person designated to sign the authorization or signature block.
PersonIncidentAgeMeasure (AgeMeasureType)	The age of a person at the time of an incident
PersonSocialDetails (PersonSocialDetailsType)	A person's social details such as whether they require an interpreter.
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.
ViolationZoneTypeText (TextType)	Type of special incident zone (e.g. school zone, construction zone)

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 informationt to provide a basic structural template for the creation of jursidictionally based messages.

The following are miscellaneous notes that were developed during the analysis and creation of the exchange document as it pertains to court and jurisdictional business rules and procedures:

- The requesting agency will likely be a law enforcement agency or prosecutor. However, it may also be a court who is issuing a bench warrant document.

- The subject vehicle indicates the vehicle(s) owned or otherwise associated with the subject (e.g. subject stole the vehicle)
- A Judicial Officer may or may not be associated with the court. This is because sometimes visiting judges or judges from neighboring jurisdictions may substitute for the duty judge during a vacation for example.
- In general, the contact information for the requesting agency will be used if a specific requesting person is not available.
- The NCIC Gang Database Identifier is a person based identifier that is used to query the NCIC Gang Database and retrieve gang affiliations. This was added to NCIC in the Summer of 2005.

4.4. Other Information

None

5. Samples

Samples have not been developed for the arrest warrant IEPD.

5.1. Sample XML Instances

Samples have not been developed for the arrest warrant IEPD.

5.2. Sample XSL Style Sheets

Samples have not been developed for the arrest warrant IEPD.

6. Development

6.1. Participants

Participant	Affiliation
Harry Bridger	Vendor (Bull)
Shara Bunis	NCSC Consultant
Tom Carlson	NCSC
Cheryl Cogan	Court - Maryland
Tom Conti	Court - Maryland
Dana Corson	Court - Montana
Mark Crenshaw	Court - South Carolina
Linda Emeott	Court - Minnesota
Robin Gibson	Court - Missouri
Jack Glock	Court - New Jersey
Jim Harris	Vendor (CSI)
Matthew Hudnall	Court - Alabama
Jim McMillan	NCSC
Nick Melnick	Court - Pennsylvania
David Mulholland	Law Enforcement - National Park Service
Bob Pace	Court - North Carolina
Catherine Plummer	SEARCH

| Dave Usery | NCSC/Contractor |
| Doug Walker | NCSC/Contractor |

6.2. 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, law enforcement, 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 warrant document:

· California
· Minnesota
· Nebraska
· New Jersey
· South Carolina
· Texas
· Virginia
· Utah

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 arrest warrant IEPD in Atlanta, Georgia on November 4, 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.
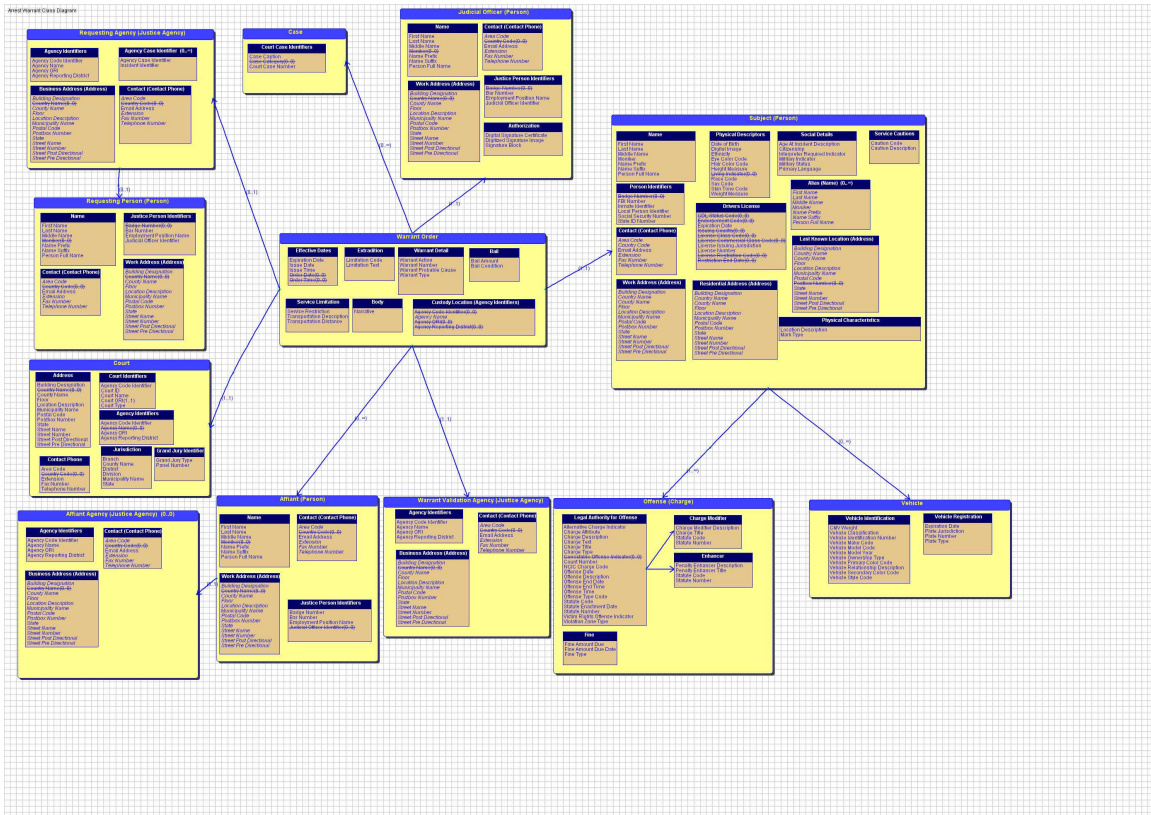
Subsequent follow-up work was conducted through WebEx conference calls with the JSD team. This included vetting the resulting domain model, vetting the descriptions and definitions of both GJXDM and extension elements for appropriateness, and reviewing the final IEPD once generated.

Draft versions of the proposed IEPD have been placed for open review by the justice community at http://www.ncsconline.org/d_tech/gjxdm/#ArrestWarrant.

6.3. Development Artifacts:

6.3.1. Data Model Diagram

The domain model is located at
http://www.ncsconline.org/D_Tech/gjxdm/iepd/ArrestWarrant/GIEP%20Definition%20Documents/DocumentModel.jpg.

6.3.2. Source Documents

Source documents are available at: 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.