

Illinois Uniform Configuration Service

List File Interfaces

Developer Guide & Reference

Version: 1.2

11/2/2015

Revision History

Version	Date	By	Description
Draft	Mar 2015	Lisa Goodwin	Initial draft
1.0.1		Lisa Goodwin	Added WSDL service reference section, added issue with IUCSTEST URL from service object.
1.1	Sept 2015	Lisa Goodwin	Clarifications from questions received, updates to web services as result of PR 8128.
1.2	Nov 2015	Lisa Goodwin	Adding logic to retrieve smaller sets of violation data by form. (UTC, Overweight, Parking, etc.); Added IUCS identifiers to all lists for LEADER integration

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1 Introduction

The Illinois Uniform Configuration Service (IUCS) is a state-wide data management and configuration service that provides standardized list management and configuration options for any application that could benefit from communication with the Illinois Circuit Clerks court management systems, or state reporting agencies such as the Secretary of State.

Users are categorized into three tiers: Administrative, County and Agency. Administrative users manage State and Federal lists, such as NCIC codes for eye and hair color, vehicle types, default state violation lists, etc. County users manage court-specific lists such as court sessions, court locations, locally prosecuted violations, etc. Agency users manage lists specific to a law enforcement agency or a municipality, which may include local administrative violation lists, administrative hearings (i.e. for parking violations) as well as assigning court appearance dates for police officers.

IUCS provides a set of web service APIs for retrieving this information for use in any application. Since court dates are, by nature, a moving window of eligible dates, IUCS will refresh court appearance dates every six (6) hours. This will ensure a correct court date list for law enforcement officers at the start of their shifts.

This document SOAP XML as well as a data matrix that defines what the data elements are, and their attributes.

2 Web Service Connection Details

The following sections provide the information necessary for a Web Service client to call the IUCS Web Services to retrieve information.

2.1 Authentication

Each application that calls the web services will receive a unique set of authentication credentials. IUCS will verify the credentials, and reject the call if they are invalid.

Depending on the nature of the web service, certain data sets are provided on a per-agency basis, which will also require you to submit your Agency ORI value in the call to the webservice.

When you begin testing your application, you will receive this information to allow you to access the test environment.

2.2 Test Environment Endpoint

Notice the endpoint for the TEST environment is **IUCSTEST**.

Test WSDL URL: <https://iucstest.illinoiscourtservices.net/IUCSTEST/services/configurator.wsdl>

IMPORTANT NOTE: When you instantiate the web service object (service name "IUCSService"), the URL returned is not correct. It will return "<http://iucs.illinoiscourtservices.net/IUCS/services>" or similar so please override that value to the following:

<https://iucstest.illinoiscourtservices.net/IUCSTEST/services>

Also note, if you are using Visual Studio, you can modify the app.config parameters for the Web Service Reference:

```
<endpoint address="https://iucstest.illinoiscourtservices.net/IUCSTEST/services"
binding="basicHttpBinding"
bindingConfiguration="IUCSSoap11" contract="ServiceReference1.IUCS"
name="IUCSSoap11" />
```

2.3 Production Environment Endpoint

Production WSDL URL: <https://iucsjob.illinoiscourtservices.net/IUCS/services/configurator.wsdl>

End Point: <https://iucsjob.illinoiscourtservices.net/IUCS/services>

2.4 Maximum Message Size

Methods to retrieve large violation lists may require the maximum message size to be increased in the HTTP binding. (In Visual Studio, this is also located in the app.config parameters.)

```
<basicHttpBinding>
  <binding name="IUCSSoap11" maxReceivedMessageSize ="2147483647" />
</basicHttpBinding>
```

2.5 Encoding

Response data payload is Base64 encoded. We recommend the use of an online Base64-encode/decode utility website for looking at the data manually.

2.6 Response Codes

Response data will provide an XML construct with an embedded response message, such as:

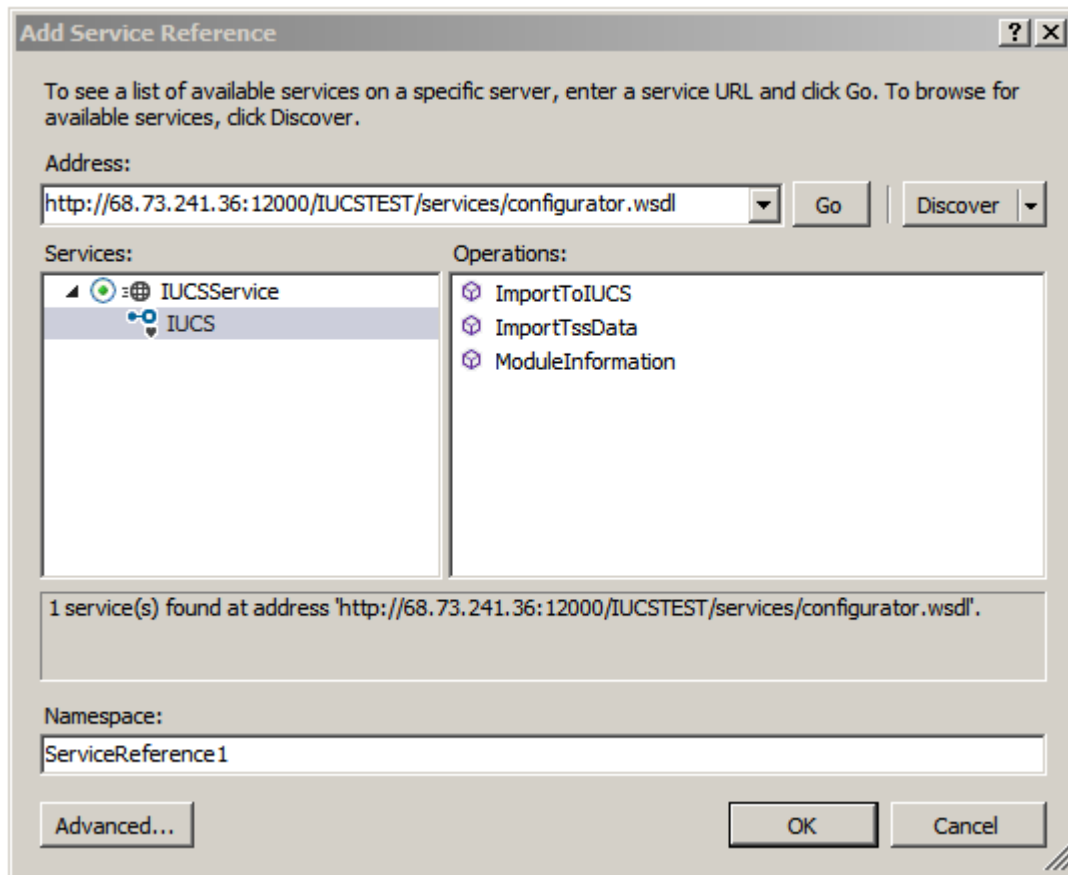
```
<errored>NO</errored>
<responseMessage>
  <responseCode>MSG01</responseCode>
```

```
<responseMessage>Request is processed successfully.</responseMessage>
</responseMessage>
```

MSG01	Request is processed successfully.
MSG02	Request is partially processed
ERR01	Security violation. Client IP is not authenticated
ERR02	Request XML is not well formed.
ERR03	Module name is missing. Please correct XML and resend it again
ERR031	Module name is invalid. Please correct XML and resend it again
ERR04	Username and password is invalid. Please correct XML and resend it again
ERR05	Username is missing. Please correct XML and resend it again.
ERR06	Password is missing. Please correct XML and resend it again.
ERR07	This module is not accesible for this user. Please correct XML and resend it again
ERR08	Sync date is not well formed, enter date in yyyy-mm-dd format. Please correct XML and resend it again
ERR09	Sync date is future date. Please correct XML and resend it again
ERR091	Sync date is missing. Please correct XML and resend it again.
ERR010	Parameter is not valid number. Please correct XML and resend it again.
ERR011	Parameter is not valid decimal. Please correct XML and resend it again.
ERR012	Parameter is not valid date. Enter date in yyyy-mm-dd format. Please correct XML and resend it again
ERR013	Parameter is not valid timestamp. Enter date in yyyy-mm-dd format. Please correct XML and resend it again.
ERR014	Parameter is not valid time. Enter date in yyyy-mm-dd format. Please correct XML and resend it again
ERR015	Parameter type is missing. Please correct XML and resend it again
ERR016	Parameter date is not a date. Please correct XML and resend it again
ERR017	Parameter is not valid boolean value. Please correct XML and resend it again.

2.7 WSDL Reference

In the IUCS test environment, the list services web services are published under Module Information. Any other operations are under development.



2.8 Other Tips

- The client is of type UCSCient.
- The request is of type ModuleInformationRequest
- The parameters are an array of type ParameterRequest
- If you specify a parameter type, you must set typeSpecified to true

2.9 SOAP Sample Response

```

<SOAP-ENV:Body>
  <ns3:ModuleInformationResponse xmlns:ns3="http://www.ILUCS.org/iucs/configurator">
    <data> BASE64 ENCODED DATA HERE</data>
    <dataType>XML</dataType>
    <errored>NO</errored>
    <moduleName>GETLOCALVIOLATIONLIST</moduleName>
    <parameterList>
      <parameterRequests>
        <parameterName>SYNC_DATE</parameterName>
        <parameterValue>2014-01-01</parameterValue>
        <type>DATE</type>
      </parameterRequests>
      <parameterRequests>
        <parameterName>AGENCYORI</parameterName>
        <parameterValue>IL0000000</parameterValue> // or XX0000000 in TEST
        <type>STRING</type>
      </parameterRequests>
      <parameterRequests>
        <parameterName>COUNTYNAME</parameterName>
        <parameterValue>DUPAGE</parameterValue>
        <type>STRING</type>
      </parameterRequests>
    </parameterList>
    <responseMessage>
      <responseCode>MSG01</responseCode>
      <responseMessage>Request is processed successfully.</responseMessage>
    </responseMessage>
    <userName>USER</userName>
  </ns3:ModuleInformationResponse>
</SOAP-ENV:Body>

```

2.10 Audit Trail Logs

IUCS Audit Trail Logs record activity for IUCS exports that make new data available, such as a user updating a court location name and manually exporting new data or the automatic create of new court date schedules every six hours.

IUCS Audit Trail Logs also record information from calling Web Service Clients and record the nature of the information retrieved by the client and when it occurred.

These logs are available under Logs & Audit Trails, Export Import List.

3 County-Specific Court Scheduling Rules

Each county may have different rules for court scheduling within their county or circuit. There may be some agency-specific rules as well, according to county and agency preferences. The simplest way to manage court schedules is to assign a Court Type (e.g. TRAFFIC, DUI, CRIMINAL) to each violation and then rank the court types according to their severity, i.e. CRIMINAL trumps TRAFFIC.

If a county chooses not use this approach, the court scheduling logic may be customized through the use of Case Type, Violation Severity, Class of Violation, Violation Type and Agency, if applicable.

DuPage County uses Court Type driven court scheduling logic. Please inquire with the appropriate county officials outside of DuPage in order to implement custom logic. Some examples are provided below.

3.1 Court Type Driven Logic

DuPage County schedules court appearances according to Court Types, and requires this logic to be followed when assigning court appearances.

In the Violation record, there is a value for Court Type and Violation Severity. The lower Violation Severity, the more severe the violation, from 1-99 inclusive. A severity of 20 on a court type of DUI AND MISDEMEANOR ranks higher than a severity of 40 on a court type of TRAFFIC CASES.

The application logic should select the court type on the lowest severity violation in the stop, and provide the matching Court Appearances for that court type.

3.2 Custom Violation Driven Logic Example

Some counties may choose to determine the most severe violation by a combination of Violation Type (State or Local) and/or Case Type (TR, DT), and use that to determine the court date assignment. For example, State violations may be heard in different court rooms from Local violations. Minor traffic (class P) and Major traffic (Class A) violations may be heard in different court rooms.

These are examples of how counties may implement their court scheduling.

3.3 Custom Agency or County Driven Logic Example

An example of custom county-driven scheduling is Will County, which organizes aggravated traffic court rooms by the first letter of the Defendant Last Name. Defendants A-F are scheduled into Room 302, etc.

Some counties may reserve a court room for specific agencies. For example, all Metra Police tickets are heard in one court room, twice a month, regardless of violation severity or class.

4 DuPage County-Specific Case Management Rules

4.1 Case Definition

- 4.1.1 Each court case is created from one or more complaints issued to one and only one defendant in one traffic stop.

- 4.1.2 Each complaint within one court case must have a unique identifier for the court case, from which an official DuPage Court Case Number is assigned.
- 4.1.3 When Collect Speeds is set to Y (YES), it is required that the Actual Speed and Posted Speed values be recorded on the complaint.
- 4.1.4 When School District is set to Y (YES), it is required that one or more school district values be recorded on the complaint.
- 4.1.5 When Park District is set to Y (YES), it is required that one or more park district values be recorded on the complaint.
- 4.1.6 When Emergency District set to Y (YES), or if an ACCIDENT TYPE is indicated on the complaint, it is required that one or more Emergency District values be recorded on the complaint. "NO RESPONSE REQUIRED" or "OTHER" are allowed as valid values.
- 4.1.7 Every citation must have a valid court date. DuPage County is not using the 504 exemption for electronic citations.

4.2 Court Transmittal Requirements

- 4.2.1 The use of LEADER is required for electronic transmittal of citation data to the DuPage County Circuit Clerk's case management system.

4.3 Prosecution Violation Types

- 4.3.1 DuPage County does not allow state violation (SV) types to be combined with any other type of local violation (LSV, LCV or LAV) within one case.
- 4.3.2 Since local administrative violations are heard in municipal hearings rather than court, no LAV violations are submitted to the DuPage County Circuit Clerk.
- 4.3.3 If Local State Violations and Local Court Violations are combined in one case, all complaints in the case will be assigned to the municipality's local prosecutor.

5 Web Service Connection Details

The following sections contain the data sets that are available from IUCS for use by an external application. Data in these data sets may be very static (e.g. a list of townships), relatively static/published on-demand (e.g. an agency's list of officers) or dynamic (e.g. an officer's list of current court dates). It is up to the external application to decide how often to refresh this information, according to the nature of information in the data set.

5.1 Officer List Module (ModuleName: GETOFFICERLIST)

The Officer List should be retrieved whenever an Agency's officer information has changed. This includes changing an officer name, or badge number or when a signature image is updated.

5.1.1 Officer List Data

Please note that signature images are not available at this time, but will be provided in an upcoming release.

Tag Name	Sample	Defintion	Description
AgencyName	LOMBARD	Varchar(100)	A string that identifies a unique agency name.
BadgeNumber	28, 0728	Varchar(10)	A 10 character string representing the officer badge number. This <u>may</u> have leading zeros, be sure not to truncate them. It is recommended to treat this value as a string, not an integer.
OfficerVersion	1	Integer	When a change is made to the officer record, this number increases to reflect an updated record.
LastName	"SMITH"	Varchar(120)	The last name of the officer, which may include special characters like spaces, hyphens or apostrophes.
FirstName	"JOHN"	Varchar(50)	The first name of the officer, which may include special characters like spaces, hyphens or apostrophes.
IUCSOfficerID	19, 496	Integer	The identifier that uniquely identifies this officer in IUCS. This field may be used in the LEADER inbound web service to identify the officer that created the form.
EcitationUsername	"JSmith", "WPD105"	Varchar	Usernames and passwords for third party

		electronic citation applications can be stored in IUCS. They are optional, for use at a vendor's discretion and they are not encrypted at this time.
EcitationPassword	Varchar	Username and passwords for third party electronic citation applications can be stored in IUCS. They are optional, for use at a vendor's discretion and they are not encrypted at this time.

5.1.2 Parameters

In addition to the username and password, this web service requires:

AGENCYORI (String) – the agency ORI identifier for the agency's officers to be returned.

5.1.3 SOAP Body Sample

```
<soapenv:Body>
  <con:ModuleInformationRequest>
    <moduleName>GETOFFICERLIST</moduleName>
    <userName>USER</userName>
    <password>PASSWD</password>
    <parameterList>
      <parameterRequests>
        <parameterName>AGENCYORI</parameterName>
        <parameterValue>XXXXXXXXXX</parameterValue>
        <type>STRING</type>
      </parameterRequests>
    </parameterList>
  </con:ModuleInformationRequest>
</soapenv:Body>
```

5.2 Court Appearances Module (ModuleName: GETCOURTAPPEARANCES)

Court appearances are dynamic lists. Some courts, including DuPage, control the availability of their court sessions through their case management systems. If the limit of cases for a court session is reached, that session may be pulled from circulation. In this case, court appearance lists are refreshed internally three times per day, currently at 7:00 AM, 4:00 PM and 11:00 PM. Minimally, court appearance lists should be retrieved once per day, to accommodate the shifting windows of statutory requirements for court schedules, i.e. traffic violations must be scheduled within a moving 10-63 day target window. As such, upcoming court appearances drop off the list and dates that are farther in the future are added. The list of court appearances is being filtered according to each County's rules for scheduling, i.e. DuPage County schedules traffic violations within a 10-63 day range.

5.2.1 Court Appearance List Data

Tag Name	Sample	Defintion	Description
CourtDateExportVersion	1.0.0.2 is the current version	Varchar(50)	Identifies the version of this format of court appearances list. Format changes will result in this number being incremented.
CourtSchedulingWidgetVersion	1.1.0.0	Varchar(50)	This is an internal number.
CountyName	DUPAGE	Varchar(50)	The name of the County for which the court appearance is scheduled.
Agency Code	LO	Varchar(3)	The agency code for which the schedules are being requested. All court appearances for all officers in this agency will be returned.
Badge Number	1234, 0712, 49	Varchar(10)	The badge number of the officer who is assigned to this appearance date.
Court Type	TRAFFIC CASES	Varchar(50)	The type of court being heard on the docket at this court appearance.
Location Code	ADDISON FIELD COURT, KANE BRANCH COURT	Varchar(100)	The location code identifies the name of the court location for the appearance.
Court Date	2015-12-21	Date (YYYY-MM-DD)	The court date
Court Time	13:00:00	Military time	The court time
Week	0,1,2,3,4	Integer	The week of the month during which this date falls. For example, Monday July 6, 2015 = Week 1, as the first Monday in July.
Slots	43	Integer	The number of slots on the docket that remain open and available for new cases. As this

				number approaches zero, the docket is close to full and the court session may be closed at the discretion of the County.
IUCSOfficerScheduleID	176864		Integer	Uniquely identifies one court appearance date for the officer, which may be used in the LEADER inbound web service.
IUCSOfficerID			Integer	Provides the ability to link to the Officer list table with this unique identifier.

5.2.2 Court Appearances List Parameters

In addition to the username and password, this web service requires:

AGENCYORI (String) – the agency ORI identifier for the agency’s court appearances to be returned. This returns court dates for all officers, in all counties in that agency.

5.2.3 SOAP Body Example

```
<soapenv:Body>
  <con:ModuleInformationRequest>
    <moduleName>GETCOURTAPPEARANCES</moduleName>
    <userName>username</userName>
    <password>password</password>
    <parameterList>
      <parameterRequests>
        <parameterName>AGENCYORI</parameterName>
        <parameterValue>IL00000000</parameterValue> // or XX00000000 in IUCSTEST
        <type>STRING</type>
      </parameterRequests>
    </parameterList>
  </con:ModuleInformationRequest>
</soapenv:Body>
```

5.3 State Violations (ModuleName: GETSTATEVIOLATIONLIST)

The State of Illinois usually publishes an updated list of state violations twice a year. IUCS Administration is responsible for updating this list. Agencies are notified via email when the published update is available through IUCS. However, counties and municipalities have the ability to change the wording and metadata on state violations and republish their violation list at any time. Each county has a unique state violation list for use in their county, which may contain metadata for the circuit clerk case management system. This list is considered relatively static. Only ACTIVE violations are pushed through this service; if a violation or offense code is inactivated, it will not be sent.

Please note that this list is extremely large, and contains all state violations including criminal, traffic, overweights, etc. If you need smaller subsets of violation data, please use GetStateViolationListByForm.

5.3.1 State Violation List Data

Court Scheduling Interaction – The court scheduling determination may use one or more of the metadata elements on the violation lists.

Tag Name	Sample Data	Definition	Description
ViolationExportVersion	1.0.0.0	Varchar(50)	Identifies the version of this format of violation list. Format changes will result in this number being incremented.
CountyName	DUPAGE	Varchar (50)	The name of the County who manages this violation record.
ViolationCode			
ViolationDesc	FAILURE TO YIELD TO EMERGENCY VEHICLES	Varchar(100)	The description of the violation or the charge. This should be used in the Nature of Offense field.
Violation Group	LOCAL STATE (LSV) STATE (SV) MOST FREQUENTLY USED PARKING VIOLATIONS	Varchar(100)	This is the name of a violation grouping. This group name differentiates between different types of violation lists. Other examples are “SECOND OR SUBSEQUENT VIOLATIONS” or “MOST FREQUENTLY USED” This is used for grouping violations to present to the user, for sort order, etc. Do not rely on this field to determine the Violation Type (LSV, LAV, etc). Use the ViolationType for that information.
ViolationType	SV	Varchar(5)	The only valid value is SV for state types of violations used in the stop.
UseOnForm	U, N, P	Char(1)	This parameter indicates what form this violation is expected to be written on. ‘U’ indicates a UTC or Written Warning, ‘N’ is on NTC (non-traffic complaint), ‘P’ indicates Parking, etc. ‘L’ is a long-form criminal complaint.

CountyCMSKey	229701245	Varchar(40)	This is the internal system identifier that is used in the Circuit Clerk CMS system to identify the violation on the form. This parameter may vary by County, and must be delivered with the electronic data on a court transmittal. It is not displayed to the user.
IUCSViolationID		Long	The identifier that uniquely identifies this officer in IUCS. This field may be used in the LEADER inbound web service to identify the officer that created the form.
Offense Code	6145200	Varchar(20)	This is a unique number assigned by the Administrative Office, or may be assigned a number for a local violation with no state equivalent.
Chapter	0625	Varchar(4)	The chapter of the Illinois Compiled Statutes that defines the offense. It will be left padded with zeros for chapters of three numbers or less.
Act	00050	Varchar(10)	This field is used to identify the Act of the Illinois Compiled Statutes. It is left padded with zeros.
Section	11-304(a)	Varchar(25)	This field is used to identify the Section of the Illinois Compiled Statutes.
Must Appear	Y, N	Varchar(1)	An indicator to identify if the offense is a required court appearance.
TSSS_ReasonFor Stop	1: MOVING VIOLATION	Varchar(50)	Used to default the TSS value
TSSS_MovingVioType	4: TRAFFIC SIGN OR SIGNAL	Varchar(25)	Used to default the TSS value
Speeding Upper Limit	0, 30	Integer	Used to support automatic selection of speeding violation according to Actual and Posted Speeds
Speeding Lower Limit	0, 26	Integer	Used to support automatic selection of speeding violation according to Actual and Posted Speeds
Bond Amount	120.00	Decimal(11,2)	The Bond amount on the offense. Note that on some class U (business) or criminal offenses, the bond may be zero.
FineSchedule			Not used at this time
Case Type	TR, CM	Varchar(2)	The type of court case
Class of Violation	P	Char(1)	The sentence class of the offense
School District	Y, N	Varchar(1)	If this value is Y, the user must supply one or more school districts.
Park District	Y, N	Varchar(1)	If this value is Y, the user must supply one or more park districts.
Emergency District	Y, N	Varchar(1)	If this value is Y, the user must supply one or more

			emergency responder districts.
Collect Speeds	Y, N	Varchar(1)	If this value is Y, the user must provide both the Actual and Posted speeds
OverweightType	A, G, R, B	Varchar(1)	For use on Overweight Violations, this parameter indicates if the violation is an Axle, Gross, Bridge or Registration violation. This parameter may drive conditional field requirements on an Overweight form.
CollectAxleNumber	Y, N or null	Varchar(1)	This field indicates if the Axle Number should be a required field on the violation. It generally applies to some Overweight violations.
CollectGross	Y, N or null	Varchar(1)	This field indicates if the Gross Weight should be a required field on the violation. It generally applies to Overweight violations.
Collect Excess Pounds	Y, N or null	Varchar(1)	This field indicates if the Number of Excess Pounds in weight should be a required field on the violation. It generally applies to Overweight violations.
Collect Permit Number	Y, N or null	Varchar(1)	This field indicates if the Permit Number should be a required field on the violation. It generally applies to some Overweight violations.
Court Type	TRAFFIC CASES	Varchar(50)	The type of court that hears the case containing this offense. Court Types are ranked in order of priority, from 1 to 99. The court type does not necessarily reflect the violation class or case type. There are some criminal misdemeanors that may be assigned to traffic court, for example.
Violation Severity	1-99	Integer	Severity may be used for court scheduling, as one or more factors in determining the most severe violation. Severity (1) is the highest, through (99) lowest.
DUI Complaint Verbiage Code	A1, A2		In the Violator Admonishments on a DUI Citation, a custom phrase prints out that is specific to the violation on the citation. This code indicates that phrase.
School Bus Driver	Y, N or null	Varchar(1)	This field indicates if the violation applies to a School Bus Driver, which may indicate that special Violation Admonishments have to be included on the form.
Offense Audit Timestamp	2015-01-08 13:04:34.0	Datetime	The datetime stamp of the last modification to the Offense Code record.

Vio Audit Timestamp	2015-01-08 13:04:34.0	Datetime	The datetime stamp of the last modification to the Violation Record.
---------------------	-----------------------	----------	--

5.3.2 State Violation List Parameters

In addition to the username and password, this web service requires:

SYNCDATE (Date) – This allows an incremental get of violations, from the last time the violations were updated. To receive the full list, use a date at least one year in the past, i.e. 2014-01-01.

COUNTYNAME (String) – As indicated, state violation lists are maintained by each County, and may contain metadata required by the circuit clerk case management systems. A separate call for multi-jurisdictional counties is required for each county of operation.

5.3.3 SOAP Body Example

```
<soapenv:Body>
  <con:ModuleInformationRequest>
    <moduleName>GETSTATEVIOLATIONLIST</moduleName>
    <userName>USER</userName>
    <password>PASSWD</password>
    <parameterList>
      <parameterRequests>
        <parameterName>SYNC_DATE</parameterName>
        <parameterValue>2014-06-01</parameterValue>
        <type>DATE</type>
      </parameterRequests>
      <parameterRequests>
        <parameterName>COUNTYNAME</parameterName>
        <parameterValue>DUPAGE</parameterValue>
        <type>STRING</type>
      </parameterRequests>
    </parameterList>
  </con:ModuleInformationRequest>
</soapenv:Body>
```

5.4 State Violations By Form (ModuleName: GETSTATEVIOLATIONSBYFORM)

This web service allows the user to retrieve smaller datasets if the whole AOIC state violation list is not needed. Violations in IUCS are configured to be used on only one form, therefore parking violations are used on Parking Tickets, overweight violations are only used on Overweight forms, etc.

5.4.1 State Violation By Form Data

Court Scheduling Interaction – The court scheduling determination may use one or more of the metadata elements on the violation lists.

The parameters in this response are identical to the full GetStateViolation list web service.

5.4.2 State Violation List By Form Parameters

In addition to the username and password, this web service requires:

SYNCDATE (Date) – This allows an incremental get of violations, from the last time the violations were updated. To receive the full list, use a date at least one year in the past, i.e. 2014-01-01.

COUNTYNAME (String) – As indicated, state violation lists are maintained by each County, and may contain metadata required by the circuit clerk case management systems. A separate call for multi-jurisdictional counties is required for each county of operation.

FORMTYPE (String) – This is a one character form type that indicates what type of form the violation is used on. The values are:

- U = UTC
- T = Overweight
- P = Parking
- N = Notice to Appear, or Non-Traffic Complaint
- D = DUI
- L = Long form criminal complaints, includes both felonies and midemeanors

5.4.3 SOAP Body Example

```
<soapenv:Body>
  <con:ModuleInformationRequest>
    <moduleName>GETSTATEVIOLATIONSBYTFORM</moduleName>
    <userName>USER</userName>
    <password>PASSWD</password>
    <parameterList>
      <parameterRequests>
        <parameterName>SYNC_DATE</parameterName>
        <parameterValue>2014-06-01</parameterValue>
        <type>DATE</type>
      </parameterRequests>
      <parameterRequests>
        <parameterName>COUNTYNAME</parameterName>
        <parameterValue>DUPAGE</parameterValue>
        <type>STRING</type>
      </parameterRequests>
      <parameterRequests>
        <parameterName>FORMTYPE</parameterName>
        <parameterValue>U</parameterValue>
        <type>STRING</type>
      </parameterRequests>
    </parameterList>
  </con:ModuleInformationRequest>
</soapenv:Body>
```

5.5 Local Violations (ModuleName: GETLOCALVIOLATIONLIST)

Many municipalities have adopted the Illinois Vehicle Code as part of their locally prosecuted statutes. Many also use the same violation code and description as the state violation, and the only difference between the two records is Violation Group and Violation Type. However some municipalities, like this one, use their local statute violation codes. The data structure here is the same as State Violations, this example illustrates some possible changes in the sample data. This municipality may republish their local violation list at any time. This list is considered relatively static. Only ACTIVE violations are pushed through this service; if a violation or offense code is inactivated, it will not be sent.

5.5.1 Local Violation List Data

Known Issue – If the Must Appear flag is blank, treat it as a NO value.

Known Issue – The DUI Verbiage Code (A1, A2, etc.) is provided in this web service, but the entire custom phrase should be included in future versions.

Tag Name	Sample Data	Definition	Description
ViolationExportVersion	1.0.0.0	Varchar(50)	Identifies the version of this format of violation list. Format changes will result in this number being incremented.
CountyName	DUPAGE	Varchar (50)	The name of the County who manages this violation record.
ViolationCode	V 5/11-305-A	Varchar(50)	The local ordinance defining the local violation.
ViolationDesc	FAILURE TO YIELD TO EMERGENCY VEHICLES	Varchar(100)	The description of the violation or the charge. This should be used in the Nature of Offense field.
Violation Group	LOCAL STATE (LSV) MOST FREQUENTLY USED PARKING VIOLATIONS	Varchar(100)	This is the name of a violation grouping. This group name differentiates between different types of violation lists. Other examples are “SECOND OR SUBSEQUENT VIOLATIONS” or “MOST FREQUENTLY USED” This is used for grouping violations to present to the user, for sort order, etc. Do not rely on this field to determine the Violation Type (LSV, LAV, etc). Use the ViolationType for that information.
ViolationType	LSV	Varchar(5)	Valid values are LSV, LCV, LAV used to identify and

				control the types of violations used in the stop.
UseOnForm	U, N, P		Char(1)	This parameter indicates what form this violation is expected to be written on. 'U' indicates a UTC or Written Warning, 'N' is on NTC (non traffic complaint), 'P' indicates Parking, etc.
CountyCMSKey	229701245		Varchar(40)	This is the internal system identifier that is used in the Circuit Clerk CMS system to identify the violation on the form. This parameter may vary by County, and must be delivered with the electronic data on a court transmittal. It is not displayed to the user.
IUCSViolationID			Long	The identifier that uniquely identifies this officer in IUCS. This field may be used in the LEADER inbound web service to identify the officer that created the form.
Agency Code	LO		Varchar(3)	An agency abbreviation, uniquely identifying a law enforcement agency within a county.
Offense Code	6145200		Varchar(20)	This is a unique number assigned by the Administrative Office, or may be assigned a number for a local violation with no state equivalent.
Chapter	0625		Varchar(4)	The chapter of the Illinois Compiled Statutes that defines the offense. It will be left padded with zeros for chapters of three numbers or less.
Act	00050		Varchar(10)	This field is used to identify the Act of the Illinois Compiled Statutes. It is left padded with zeros.
Section	11-304(a)		Varchar(25)	This field is used to identify the Section of the Illinois Compiled Statutes.
Must Appear	Y, N		Varchar(1)	An indicator to identify if the offense is a required court appearance.
TSSS_ReasonFor Stop	1: MOVING VIOLATION		Varchar(50)	Used to default the TSS value
TSSS_MovingVioType	4: TRAFFIC SIGN OR SIGNAL		Varchar(25)	Used to default the TSS value
Speeding Upper Limit	0, 30		Integer	Used to support automatic selection of speeding violation according to Actual and Posted Speeds
Speeding Lower Limit	0, 26		Integer	Used to support automatic selection of speeding violation according to Actual and Posted Speeds
Bond Amount	120.00		Decimal(11,2)	The Bond amount on the offense. Note that on some class U (business) or criminal offenses, the bond may be zero.

FineSchedule			Not used at this time
Case Type	TR	Varchar(2)	The type of court case
Class of Violation	P	Char(1)	The sentence class of the offense
School District	Y, N	Varchar(1)	If this value is Y, the user must supply one or more school districts.
Park District	Y, N	Varchar(1)	If this value is Y, the user must supply one or more park districts.
Emergency District	Y, N	Varchar(1)	If this value is Y, the user must supply one or more emergency responder districts.
Collect Speeds	Y, N	Varchar(1)	If this value is Y, the user must provide both the Actual and Posted speeds
OverweightType	A, G, R, B	Varchar(1)	For use on Overweight Violations, this parameter indicates if the violation is an Axle, Gross, Bridge or Registration violation. This parameter may drive conditional field requirements on an Overweight form.
CollectAxleNumber	Y, N or null	Varchar(1)	This field indicates if the Axle Number should be a required field on the violation. It generally applies to some Overweight violations.
CollectGross	Y, N or null	Varchar(1)	This field indicates if the Gross Weight should be a required field on the violation. It generally applies to Overweight violations.
Collect Excess Pounds	Y, N or null	Varchar(1)	This field indicates if the Number of Excess Pounds in weight should be a required field on the violation. It generally applies to Overweight violations.
Collect Permit Number	Y, N or null	Varchar(1)	This field indicates if the Permit Number should be a required field on the violation. It generally applies to some Overweight violations.
Court Type	TRAFFIC CASES	Varchar(50)	<p>The type of court that hears the case containing this offense. Court Types are ranked in order of priority, from 1 to 99.</p> <p>The court type does not necessarily reflect the violation class or case type. There are some criminal misdemeanors that may be assigned to traffic court, for example.</p>
Violation Severity	45	Integer	Severity may be used for court scheduling, as one or

			more factors in determining the most severe violation. Severity (1) is the highest, through (99) lowest.
DUI Complaint Verbiage Code	A1, A2		In the Violator Admonishments on a DUI Citation, a custom phrase prints out that is specific to the violation on the citation. This code indicates that phrase.
School Bus Driver	Y, N or null	Varchar(1)	This field indicates if the violation applies to a School Bus Driver, which may indicate that special Violation Admonishments have to be included on the form.
Offense Audit Timestamp	2015-01-08 13:04:34.0	Datetime	The datetime stamp of the last modification to the Offense Code record.
Vio Audit Timestamp	2015-01-08 13:04:34.0	Datetime	The datetime stamp of the last modification to the Violation Record.

5.5.2 Local Violation List Parameters

In addition to the username and password, this web service requires:

SYNCDATE (Date) – This allows an incremental get of violations, from the last time the violations were updated. To receive the full list, use a date at least one year in the past, i.e. 2014-01-01.

AGENCYORI (String) – the agency ORI identifier for the agency's municipal violations to be returned.

COUNTYNAME (String) – As indicated, state violation lists are maintained by each County, and may contain metadata required by the circuit clerk case management systems. A separate call for multi-jurisdictional counties is required for each county of operation.

5.5.3 SOAP Body Example

```
<soapenv:Body>
  <con:ModuleInformationRequest>
    <moduleName>GETLOCALVIOLATIONLIST</moduleName>
    <userName>USER</userName>
    <password>PASSWD</password>
    <parameterList>
      <parameterRequests>
        <parameterName>SYNC_DATE</parameterName>
        <parameterValue>2014-01-01</parameterValue>
        <type>DATE</type>
      </parameterRequests>
      <parameterRequests>
        <parameterName>AGENCYORI</parameterName>
        <parameterValue>IL0000000</parameterValue> // or XX0000000 in IUCSTEST
        <type>STRING</type>
      </parameterRequests>
      <parameterRequests>
        <parameterName>COUNTYNAME</parameterName>
        <parameterValue>DUPAGE</parameterValue>
        <type>STRING</type>
      </parameterRequests>
    </parameterList>
  </con:ModuleInformationRequest>
</soapenv:Body>
```

5.6 Court Locations (ModuleName: GETCOURTLOCATIONS)

Court Locations are defined by the County and are unique to the specific court room where the case is being assigned. The 5-character court location code is unique within the County, and maps to the Court Location Code in the Court Appearances list.

While this list may seem static, it is possible for counties to change court rooms. These changes are usually announced in advance.

This list of court locations also includes municipal locations for administrative hearings. Your agency will not use all the locations provided in this list.

5.6.1 Court Location List Data

The Location Code field has been renamed the IUCSLocationID

Tag Name	Sample Data	Definition	Description
CountyName	DUPAGE	Varchar (50)	The name of the County where the location is.
IUCS LocationID	8	Varchar(50)	A numeric location code identifier that can be used when submitted records to LEADER.
Description	Addison Field Court	Varchar(100)	The name of the building or description of the type of court that the officer sees to select the court date.
BuildingDescription	DuPage County Judicial Center; American Legion Hall Post 80	Varchar(100)	The name of the building in which the court is housed.
Address	123 Main		The street address
RoomNumber	304		The court room number
City	Wheaton		City
State	IL		The 2 character state abbreviation
Zip	60189		The zip code
Phone Number	630-407-0000		Optional phone number to reach the court
Narrative			Custom description text

5.6.2 Court Locations List Parameters

In addition to the username and password, this web service requires:

COUNTYNAME (String) – As indicated, locations are maintained by each County. A separate call for multi-jurisdictional counties is required for each county of operation.

5.6.3 SOAP Body Example

<soapenv:Body>

```
<con:ModuleInformationRequest>
  <moduleName>GETCOURTLOCATIONS</moduleName>
  <userName>username</userName>
  <password>password</password>
  <parameterList>
    <parameterRequests>
      <parameterName>COUNTYNAME</parameterName>
      <parameterValue>DUPAGE</parameterValue>
      <type>STRING</type>
    </parameterRequests>
  </parameterList>
</con:ModuleInformationRequest>
</soapenv:Body>
```

6 Sample .NET Configuration

```

7 <configuration>
8   <configSections>
9     <sectionGroup name="userSettings"
10      type="System.Configuration.UserSettingsGroup, System, Version=4.0.0.0,
11      Culture=neutral, PublicKeyToken=b77a5c561934e089" >
12       <section name="IUCS_WinForms.Properties.Settings"
13        type="System.Configuration.ClientSettingsSection, System, Version=4.0.0.0,
14        Culture=neutral, PublicKeyToken=b77a5c561934e089"
15        allowExeDefinition="MachineToLocalUser" requirePermission="false" />
16     </sectionGroup>
17   </configSections>
18   <startup>
19     <supportedRuntime version="v4.0" sku=".NETFramework,Version=v4.5" />
20   </startup>
21   <system.serviceModel>
22     <bindings>
23       <basicHttpBinding>
24         <binding name="IUCSSoap11" maxReceivedMessageSize="2147483647"/>
25       </basicHttpBinding>
26     </bindings>
27     <client>
28       <endpoint
29        address="http://iucstest.illinoiscourtservices.net/IUCSTEST/services"
30        binding="basicHttpBinding"
31        bindingConfiguration="IUCSSoap11" contract="IUCS.IUCS"
32        name="IUCSSoap11" />
33     </client>
34   </system.serviceModel>
35   <userSettings>
36     <IUCS_WinForms.Properties.Settings>
37       <setting name="AgencyORI" serializeAs="String">
38         <value>XX0000000</value>
39       </setting>
40       <setting name="Username" serializeAs="String">
41         <value>USERNAME</value>
42       </setting>
43       <setting name="Password" serializeAs="String">
44         <value>PASSSWORD</value>
45       </setting>
46       <setting name="County" serializeAs="String">
47         <value>DUPAGE</value>
48       </setting>
49       <setting name="Sync_Date" serializeAs="String">
50         <value>2014-08-01</value>
51       </setting>
52       <setting name="IUCS_URL" serializeAs="String">
53         <value>http://iucs.illinoiscourtservices.net/IUCS/services</value>
54       </setting>
55       <setting name="IUCS_URL_DEV" serializeAs="String">
56         <value>https://iucstest.illinoiscourtservices.net/IUCSTEST/services/configurator.wsd<
57         /value>
58       </setting>
59     </IUCS_WinForms.Properties.Settings>
60   </userSettings>
61 </configuration>

```