



SIF Specifications

SIF Implementation Specification

The SIF Implementation Specification is based on the World Wide Web Consortium (W3C) endorsed Extensible Markup Language (XML) which is not linked to a specific operating system or platform.

XML defines common data formats and rules of interaction and architecture.

Event Reporting is a Publish/Subscribe Model.

Events are published/reported by each application and are received by other applications that have subscribed to them.

DataProvision is a Request/Response Model.

An application agent may register itself to the ZIS as a provider of certain data objects. This allows the ZIS to satisfy a query request from an agent to locate the provider of a data object. The ZIS acts as the intermediary, forwarding the request to the agent, receiving the response, and then forwarding the response back to the original requester.

Messages are securely encrypted using HTTPS.

HTTPS is the most commonly used secure method of exchanging data among web browsers.

Agents are authenticated by the ZIS before messages are passed.

Message processing includes message validation and message identification.

Guaranteed message delivery.

By using the SIF Implementation Specification in administrative and instructional K-12 products, you will:

- Enhance product functionality efficiently
- Facilitate data sharing without incurring expensive customer development costs
- Leverage co-marketing opportunities with partners and distributors provide best of breed solutions to customers easily and seamlessly
- Join industry leaders in creating the next generation framework for education technology

Version	Release Date	Resources
2.3	February 12, 2009	Publicly hosted XML Schema is at http://specification.sifinfo.org/Implementation/2.3/XSD/SIF_Message.xsd
2.2	March 17, 2008	Publicly hosted XML Schema is at http://specification.sifinfo.org/Implementation/2.2/XSD/SIF_Message.xsd
2.1	September 18, 2007	Publicly hosted XML Schema is at http://specification.sifinfo.org/Implementation/2.1/XSD/SIF_Message.xsd
2.0r1	June 19, 2007	Publicly hosted XML Schema is at http://specification.sifinfo.org/Implementation/2.0r1/XSD/SIF_Message.xsd
1.5r1	October 11, 2004	Publicly hosted DTD is at http://www.sifinfo.org/infrastructure/1.5r1/DTD/SIF_Message.dtd Publicly hosted XML Schema is at http://www.sifinfo.org/infrastructure/1.5r1/XSD/SIF_Message.xsd
1.1	February 6, 2003	Publicly hosted DTD is at http://www.sifinfo.org/infrastructure/1.1/DTD/SIF_Message.dtd Publicly hosted XML Schema is at http://www.sifinfo.org/infrastructure/1.1/XSD/SIF_Message.xsd

Ed. Note: Certification column omitted

SIF Reporting Web Service Specification

The SIF Reporting Web Service is designed independently of SIF Implementation Specification versions to allow applications outside of SIF Zones to access the wealth of data in those Zones via SIF's reporting objects, ReportManifest, SIF_ReportObject and ReportAuthorityInfo. A Reporting service implementation may be closely bound to the reporting capabilities of a given Zone or Zones, or it may provide ad hoc access to data via the report generation capabilities of the service implementation itself. In either case, with the availability of this service description, state agencies, school districts, schools and other entities have an industry-standard method for retrieving report data from SIF Zones without knowledge of the internal details of—or the need to participate directly in the day-to-day operations of—given SIF Zones/Implementations.

Version	Release Date	Notes
1.0	October 18, 2006	The latest approved version of the SIF Reporting Web Service Specification. [http://specification.sifinfo.org/WebServices/Reporting/1.0/]

Knowledgebase

For official guidance from the SIF Association on topics related to SIF specifications and implementation, [see <http://kb.sifassociation.org/>].

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<!-- SIF Implementation Specification 2.3-6 (February 12, 2009) -->
- <xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
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  xmlns:sif="http://www.sifinfo.org/infrastructure/2.x"
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  <xs:import namespace="http://www.w3.org/XML/1998/namespace"
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  <xs:element ref="sif:SIF_Event" />
  <xs:element ref="sif:SIF_Provide" />
  <xs:element ref="sif:SIF_Provision" />
  <xs:element ref="sif:SIF_Register" />
  <xs:element ref="sif:SIF_Request" />
  <xs:element ref="sif:SIF_Response" />
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  <xs:element ref="sif:SIF_SystemControl" />
  <xs:element ref="sif:SIF_Unprovide" />
  <xs:element ref="sif:SIF_Unregister" />
  <xs:element ref="sif:SIF_Unsubscribe" />
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- <xs:sequence>
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  <xs:element name="SIF_Timestamp" type="xs:dateTime" />
- <xs:element name="SIF_Security" minOccurs="0">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="SIF_SecureChannel">
- <xs:complexType>
- <xs:sequence>
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</xs:complexType>
</xs:element>
- <xs:element name="SIF_SourceId">
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- <xs:restriction base="xs:token">
  <xs:maxLength value="64"

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        xmlns:xs="http://www.w3.org/2001/XMLSchema" />
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- <xs:simpleType>
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        xmlns:xs="http://www.w3.org/2001/XMLSchema" />
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<xs:element ref="sif:SIF_Contexts" minOccurs="0" />
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- <xs:simpleType name="SIF_EncryptionLevelType">
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    <xs:enumeration value="1" />
    <xs:enumeration value="2" />
    <xs:enumeration value="3" />
    <xs:enumeration value="4" />
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    type="sif:SIF_AuthenticationLevelType" />
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- <xs:complexType name="SIF_ContextsType">
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    <xs:element ref="sif:SIF_Context" maxOccurs="unbounded" />
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</xs:complexType>
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- <xs:simpleType name="SIF_ContextType">
- <xs:restriction>
- <xs:simpleType>
- <xs:restriction base="xs:token">
    <xs:maxLength value="64"
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        </xs:restriction>
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</xs:restriction>
</xs:simpleType>
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<!-- SIF_Protocol -->
- <xs:complexType name="SIF_ProtocolType">
- <xs:sequence>
- <xs:element name="SIF_URL" minOccurs="0">
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- <xs:restriction base="xs:anyURI">
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- <xs:element name="SIF_Property" minOccurs="0"
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- <xs:sequence>
- <xs:element name="SIF_Name">
- <xs:simpleType>
- <xs:restriction base="xs:token">
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</xs:sequence>
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- <xs:simpleType>
- <xs:union>
- <xs:simpleType>
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- <xs:simpleType>
    <xs:restriction base="xs:token" />
</xs:simpleType>
</xs:union>
</xs:simpleType>
</xs:attribute>

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- <xs:attribute name="Secure" use="required">
- <xs:simpleType>
- <xs:restriction base="xs:token">
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</xs:simpleType>
</xs:attribute>
</xs:complexType>
<xs:element name="SIF_Protocol" type="sif:SIF_ProtocolType" />
<!-- SIF_Status -->
- <xs:complexType name="SIF_StatusType">
- <xs:sequence>
  <xs:element name="SIF_Code"
    type="sif:InfrastructureStatusCodeType" />
  - <xs:element name="SIF_Desc" minOccurs="0">
    - <xs:simpleType>
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</xs:element>
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      - <xs:choice>
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<!-- SIF_Error -->
- <xs:complexType name="SIF_ErrorType">
- <xs:sequence>
  <xs:element name="SIF_Category"
    type="sif:InfrastructureErrorCategoryType" />
  - <xs:element name="SIF_Code">
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</xs:simpleType>
        - <xs:simpleType>
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            base="sif:InfrastructureEncryptionErrorType" />

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  - <xs:simpleType>
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- <xs:sequence>
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                                  value="LT" />
                                <xs:enumeration
                                  value="GT" />
                                <xs:enumeration
                                  value="LE" />
                                <xs:enumeration
                                  value="GE" />
                                <xs:enumeration
                                  value="NE" />
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      <xs:enumeration value="None" />
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      <xs:enumeration value="Or" />
      <xs:enumeration value="None" />
    </xs:restriction>
  </xs:simpleType>
</xs:attribute>
</xs:complexType>
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</xs:sequence>
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<!-- SIF_ExtendedQuery -->
- <xs:complexType name="SIF_ExtendedQueryType">
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  - <xs:element name="SIF_Select">
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      - <xs:sequence>
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- <xs:simpleType>
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- <xs:sequence>
- <xs:element name="SIF_JoinOn"
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- <xs:sequence>
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- <xs:complexType>
- <xs:simpleContent>
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        use="required"
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    </xs:complexType>
</xs:element>

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</xs:element>
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- <xs:restriction base="xs:token">
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</xs:complexType>
</xs:element>
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- <xs:sequence>
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- <xs:simpleContent>

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- <xs:element
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    value="LT" />
  <xs:enumeration
    value="GT" />
  <xs:enumeration
    value="LE" />
  <xs:enumeration
    value="GE" />
  <xs:enumeration
    value="NE" />
  </xs:restriction>
</xs:simpleType>
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</xs:sequence>
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- <xs:simpleType>
- <xs:restriction base="xs:token">
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  <xs:enumeration value="Or" />
  <xs:enumeration value="None" />
  </xs:restriction>
</xs:simpleType>
</xs:attribute>
</xs:complexType>
</xs:element>
</xs:sequence>
- <xs:attribute name="Type" use="required">
- <xs:simpleType>
- <xs:restriction base="xs:token">
  <xs:enumeration value="And" />

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        <xs:enumeration value="Or" />
        <xs:enumeration value="None" />
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- <xs:element name="SIF_OrderBy" minOccurs="0">
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- <xs:sequence>
- <xs:element name="SIF_Element" maxOccurs="unbounded">
- <xs:complexType>
- <xs:simpleContent>
- <xs:extension base="xs:normalizedString">
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        use="required"
        type="sif:SIF_RequestObjectNamesType" />
- <xs:attribute name="Ordering" use="required">
- <xs:simpleType>
- <xs:restriction base="xs:token">
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    <xs:enumeration
        value="Descending" />
    </xs:restriction>
</xs:simpleType>
</xs:attribute>
</xs:extension>
</xs:simpleContent>
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</xs:element>
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</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:element name="SIF_ExtendedQuery" type="sif:SIF_ExtendedQueryType" />
<!-- SIF_ExtendedQueryResults -->
- <xs:complexType name="SIF_ExtendedQueryResultsType">
- <xs:sequence>
- <xs:element name="SIF_ColumnHeaders">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="SIF_Element" maxOccurs="unbounded">
- <xs:complexType>
- <xs:simpleContent>
- <xs:extension base="xs:normalizedString">
    <xs:attribute name="ObjectName"
        use="required"
        type="sif:SIF_RequestObjectNamesType" />

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- <xs:attribute name="Alias" use="optional">
- <xs:simpleType>
- <xs:restriction
  base="xs:normalizedString">
  <xs:maxLength value="64"
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  </xs:restriction>
  </xs:simpleType>
</xs:attribute>
<!-- <xs:attribute ref="xsi:type"
  use="optional" /> -->
</xs:extension>
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</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="SIF_Rows">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="R" minOccurs="0"
  maxOccurs="unbounded">
- <xs:complexType>
- <xs:sequence>
  <xs:element name="C" maxOccurs="unbounded"
  type="sif:SelectedContentType" />
  </xs:sequence>
</xs:complexType>
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</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:element name="SIF_ExtendedQueryResults"
  type="sif:SIF_ExtendedQueryResultsType" />
<!-- Infrastructure Messages -->
<!-- SIF_Ack -->
- <xs:complexType name="SIF_AckType">
- <xs:sequence>
  <xs:element ref="sif:SIF_Header" />
  <xs:element name="SIF_OriginalSourceId" nillable="true"
  type="xs:token" />
  <xs:element name="SIF_OriginalMsgId" nillable="true"
  type="sif:MsgIdType" />
- <xs:choice>
  <xs:element ref="sif:SIF_Status" />
  <xs:element ref="sif:SIF_Error" />
</xs:choice>
</xs:sequence>
</xs:complexType>

```

```

<xs:element name="SIF_Ack" type="sif:SIF_AckType" />
<!-- SIF_Event -->
- <xs:complexType name="SIF_EventType">
- <xs:sequence>
  <xs:element ref="sif:SIF_Header" />
  - <xs:element name="SIF_ObjectData">
    - <xs:complexType>
      - <xs:sequence>
        - <xs:element name="SIF_EventObject">
          - <xs:complexType>
            - <xs:complexContent>
              - <xs:extension base="sif:SIF_EventObjectType">
                <xs:attribute name="ObjectName"
                  use="required"
                  type="sif:SIF_SubscribeObjectNamesType" />
                - <xs:attribute name="Action" use="required">
                  - <xs:simpleType>
                    - <xs:restriction base="xs:token">
                      <xs:enumeration value="Add" />
                      <xs:enumeration value="Delete" />
                      <xs:enumeration value="Change" />
                    </xs:restriction>
                  </xs:simpleType>
                </xs:attribute>
              </xs:extension>
            </xs:complexContent>
          </xs:complexType>
        </xs:element>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
</xs:sequence>
</xs:complexType>
<xs:element name="SIF_Event" type="sif:SIF_EventType" />
<!-- SIF_Provide -->
- <xs:complexType name="SIF_ProvideType">
- <xs:sequence>
  <xs:element ref="sif:SIF_Header" />
  - <xs:element name="SIF_Object" maxOccurs="unbounded">
    - <xs:complexType>
      - <xs:sequence>
        <xs:element name="SIF_ExtendedQuerySupport"
          minOccurs="0" type="xs:boolean" />
        <xs:element ref="sif:SIF_Contexts" minOccurs="0" />
      </xs:sequence>
      <xs:attribute name="ObjectName" use="required"
        type="sif:SIF_ProvideObjectNamesType" />
    </xs:complexType>
  </xs:element>
</xs:sequence>
</xs:complexType>
<xs:element name="SIF_Provide" type="sif:SIF_ProvideType" />

```



```

<!-- SIF_Provision -->
- <xs:complexType name="SIF_ProvisionType">
- <xs:sequence>
  <xs:element ref="sif:SIF_Header" />
  - <xs:element name="SIF_ProvideObjects">
    - <xs:complexType>
      - <xs:sequence>
        - <xs:element name="SIF_Object" minOccurs="0"
          maxOccurs="unbounded">
          - <xs:complexType>
            - <xs:sequence>
              <xs:element name="SIF_ExtendedQuerySupport"
                minOccurs="0" type="xs:boolean" />
              <xs:element ref="sif:SIF_Contexts" minOccurs="0" />
            </xs:sequence>
            <xs:attribute name="ObjectName" use="required"
              type="sif:SIF_ProvideObjectNamesType" />
            </xs:complexType>
          </xs:element>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
  - <xs:element name="SIF_SubscribeObjects">
    - <xs:complexType>
      - <xs:sequence>
        - <xs:element name="SIF_Object" minOccurs="0"
          maxOccurs="unbounded">
          - <xs:complexType>
            - <xs:sequence>
              <xs:element ref="sif:SIF_Contexts" minOccurs="0" />
            </xs:sequence>
            <xs:attribute name="ObjectName" use="required"
              type="sif:SIF_SubscribeObjectNamesType" />
            </xs:complexType>
          </xs:element>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
  - <xs:element name="SIF_PublishAddObjects">
    - <xs:complexType>
      - <xs:sequence>
        - <xs:element name="SIF_Object" minOccurs="0"
          maxOccurs="unbounded">
          - <xs:complexType>
            - <xs:sequence>
              <xs:element ref="sif:SIF_Contexts" minOccurs="0" />
            </xs:sequence>
            <xs:attribute name="ObjectName" use="required"
              type="sif:SIF_SubscribeObjectNamesType" />
            </xs:complexType>
          </xs:element>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
  </xs:sequence>
</xs:complexType>

```

```

    </xs:complexType>
  </xs:element>
- <xs:element name="SIF_PublishChangeObjects">
  - <xs:complexType>
    - <xs:sequence>
      - <xs:element name="SIF_Object" minOccurs="0"
        maxOccurs="unbounded">
        - <xs:complexType>
          - <xs:sequence>
            <xs:element ref="sif:SIF_Contexts" minOccurs="0" />
            </xs:sequence>
            <xs:attribute name="ObjectName" use="required"
              type="sif:SIF_SubscribeObjectNamesType" />
            </xs:complexType>
          </xs:element>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
  - <xs:complexType>
    - <xs:sequence>
      - <xs:element name="SIF_Object" minOccurs="0"
        maxOccurs="unbounded">
        - <xs:complexType>
          - <xs:sequence>
            <xs:element ref="sif:SIF_Contexts" minOccurs="0" />
            </xs:sequence>
            <xs:attribute name="ObjectName" use="required"
              type="sif:SIF_SubscribeObjectNamesType" />
            </xs:complexType>
          </xs:element>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
  - <xs:complexType>
    - <xs:sequence>
      - <xs:element name="SIF_Object" minOccurs="0"
        maxOccurs="unbounded">
        - <xs:complexType>
          - <xs:sequence>
            <xs:element name="SIF_ExtendedQuerySupport"
              minOccurs="0" type="xs:boolean" />
            <xs:element ref="sif:SIF_Contexts" minOccurs="0" />
            </xs:sequence>
            <xs:attribute name="ObjectName" use="required"
              type="sif:SIF_RequestObjectNamesType" />
            </xs:complexType>
          </xs:element>
        </xs:sequence>
      </xs:complexType>
    </xs:element>

```

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- <xs:element name="SIF_RespondObjects">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="SIF_Object" minOccurs="0"
  maxOccurs="unbounded">
- <xs:complexType>
- <xs:sequence>
  <xs:element name="SIF_ExtendedQuerySupport"
    minOccurs="0" type="xs:boolean" />
  <xs:element ref="sif:SIF_Contexts" minOccurs="0" />
</xs:sequence>
  <xs:attribute name="ObjectName" use="required"
    type="sif:SIF_RequestObjectNamesType" />
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:element name="SIF_Provision" type="sif:SIF_ProvisionType" />
<!-- SIF_Register -->
- <xs:complexType name="SIF_RegisterType">
- <xs:sequence>
  <xs:element ref="sif:SIF_Header" />
- <xs:element name="SIF_Name">
- <xs:simpleType>
- <xs:restriction base="xs:normalizedString">
  <xs:maxLength value="64"
    xmlns:xs="http://www.w3.org/2001/XMLSchema" />
</xs:restriction>
</xs:simpleType>
</xs:element>
  <xs:element name="SIF_Version" maxOccurs="unbounded"
    type="sif:VersionWithWildcardsType" />
  <xs:element name="SIF_MaxBufferSize" type="xs:unsignedInt" />
- <xs:element name="SIF_Mode">
- <xs:simpleType>
- <xs:restriction base="xs:token">
  <xs:enumeration value="Push" />
  <xs:enumeration value="Pull" />
</xs:restriction>
</xs:simpleType>
</xs:element>
  <xs:element ref="sif:SIF_Protocol" minOccurs="0" />
- <xs:element name="SIF_NodeVendor" minOccurs="0">
- <xs:simpleType>
- <xs:restriction base="xs:normalizedString">
  <xs:maxLength value="256"
    xmlns:xs="http://www.w3.org/2001/XMLSchema" />
</xs:restriction>
</xs:simpleType>

```

```

</xs:element>
- <xs:element name="SIF_NodeVersion" minOccurs="0">
- <xs:simpleType>
- <xs:restriction base="xs:normalizedString">
  <xs:maxLength value="32"
  xmlns:xs="http://www.w3.org/2001/XMLSchema" />
</xs:restriction>
</xs:simpleType>
</xs:element>
- <xs:element name="SIF_Application" minOccurs="0">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="SIF_Vendor">
- <xs:simpleType>
- <xs:restriction base="xs:normalizedString">
  <xs:maxLength value="256"
  xmlns:xs="http://www.w3.org/2001/XMLSchema" />
</xs:restriction>
</xs:simpleType>
</xs:element>
- <xs:element name="SIF_Product">
- <xs:simpleType>
- <xs:restriction base="xs:normalizedString">
  <xs:maxLength value="256"
  xmlns:xs="http://www.w3.org/2001/XMLSchema" />
</xs:restriction>
</xs:simpleType>
</xs:element>
- <xs:element name="SIF_Version">
- <xs:simpleType>
- <xs:restriction base="xs:normalizedString">
  <xs:maxLength value="32"
  xmlns:xs="http://www.w3.org/2001/XMLSchema" />
</xs:restriction>
</xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:element name="SIF_Icon" minOccurs="0" type="xs:anyURI" />
</xs:sequence>
</xs:complexType>
<xs:element name="SIF_Register" type="sif:SIF_RegisterType" />
<!-- SIF_Request -->
- <xs:complexType name="SIF_RequestType">
- <xs:sequence>
  <xs:element ref="sif:SIF_Header" />
  <xs:element name="SIF_Version" minOccurs="unbounded"
  type="sif:VersionWithWildcardsType" />
  <xs:element name="SIF_MaxBufferSize" type="xs:unsignedInt" />
- <xs:choice>
  <xs:element ref="sif:SIF_Query" />

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        <xs:element ref="sif:SIF_ExtendedQuery" />
    </xs:choice>
</xs:sequence>
</xs:complexType>
<xs:element name="SIF_Request" type="sif:SIF_RequestType" />
<!-- SIF_Response -->
- <xs:complexType name="SIF_ResponseType">
- <xs:sequence>
    <xs:element ref="sif:SIF_Header" />
    <xs:element name="SIF_RequestMsgId" type="sif:MsgIdType" />
    <xs:element name="SIF_PacketNumber" type="xs:positiveInteger" />
- <xs:element name="SIF_MorePackets">
- <xs:simpleType>
- <xs:restriction base="xs:token">
    <xs:enumeration value="Yes" />
    <xs:enumeration value="No" />
</xs:restriction>
</xs:simpleType>
</xs:element>
- <xs:choice>
    <xs:element ref="sif:SIF_Error" />
    <xs:element name="SIF_ObjectData"
        type="sif:SIF_ResponseObjectsType" />
    <xs:element ref="sif:SIF_ExtendedQueryResults" />
</xs:choice>
</xs:sequence>
</xs:complexType>
<xs:element name="SIF_Response" type="sif:SIF_ResponseType" />
<!-- SIF_Subscribe -->
- <xs:complexType name="SIF_SubscribeType">
- <xs:sequence>
    <xs:element ref="sif:SIF_Header" />
- <xs:element name="SIF_Object" maxOccurs="unbounded">
- <xs:complexType>
- <xs:sequence>
    <xs:element ref="sif:SIF_Contexts" minOccurs="0" />
</xs:sequence>
    <xs:attribute name="ObjectName" use="required"
        type="sif:SIF_SubscribeObjectNamesType" />
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:element name="SIF_Subscribe" type="sif:SIF_SubscribeType" />
<!-- SIF_SystemControl -->
- <xs:complexType name="SIF_SystemControlType">
- <xs:sequence>
    <xs:element ref="sif:SIF_Header" />
- <xs:element name="SIF_SystemControlData">
- <xs:complexType>
- <xs:choice>
    <xs:element ref="sif:SIF_Ping" />

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    <xs:element ref="sif:SIF_Sleep" />
    <xs:element ref="sif:SIF_Wakeup" />
    <xs:element ref="sif:SIF_GetMessage" />
    <xs:element ref="sif:SIF_GetZoneStatus" />
    <xs:element ref="sif:SIF_GetAgentACL" />
    <xs:element ref="sif:SIF_CancelRequests" />
  </xs:choice>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:element name="SIF_SystemControl" type="sif:SIF_SystemControlType" />
<!-- SIF_Ping -->
<xs:complexType name="SIF_PingType" />
<xs:element name="SIF_Ping" type="sif:SIF_PingType" />
<!-- SIF_Sleep -->
<xs:complexType name="SIF_SleepType" />
<xs:element name="SIF_Sleep" type="sif:SIF_SleepType" />
<!-- SIF_Wakeup -->
<xs:complexType name="SIF_WakeupType" />
<xs:element name="SIF_Wakeup" type="sif:SIF_WakeupType" />
<!-- SIF_GetMessage -->
<xs:complexType name="SIF_GetMessageType" />
<xs:element name="SIF_GetMessage" type="sif:SIF_GetMessageType" />
<!-- SIF_GetZoneStatus -->
<xs:complexType name="SIF_GetZoneStatusType" />
<xs:element name="SIF_GetZoneStatus" type="sif:SIF_GetZoneStatusType" />
<!-- SIF_GetAgentACL -->
<xs:complexType name="SIF_GetAgentACLType" />
<xs:element name="SIF_GetAgentACL" type="sif:SIF_GetAgentACLType" />
<!-- SIF_CancelRequests -->
- <xs:complexType name="SIF_CancelRequestsType">
- <xs:sequence>
- <xs:element name="SIF_NotificationType">
- <xs:simpleType>
- <xs:restriction base="xs:token">
  <xs:enumeration value="Standard" />
  <xs:enumeration value="None" />
</xs:restriction>
</xs:simpleType>
</xs:element>
- <xs:element name="SIF_RequestMsgIds">
- <xs:complexType>
- <xs:sequence>
  <xs:element name="SIF_RequestMsgId"
    maxOccurs="unbounded" type="sif:MsgIdType" />
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:element name="SIF_CancelRequests" type="sif:SIF_CancelRequestsType" />

```

```

<!-- SIF_Unprovide -->
- <xs:complexType name="SIF_UnprovideType">
- <xs:sequence>
  <xs:element ref="sif:SIF_Header" />
  - <xs:element name="SIF_Object" maxOccurs="unbounded">
    - <xs:complexType>
      - <xs:sequence>
        <xs:element ref="sif:SIF_Contexts" minOccurs="0" />
      </xs:sequence>
      <xs:attribute name="ObjectName" use="required"
        type="sif:SIF_ProvideObjectNamesType" />
      </xs:complexType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
<xs:element name="SIF_Unprovide" type="sif:SIF_UnprovideType" />
<!-- SIF_Unregister -->
- <xs:complexType name="SIF_UnregisterType">
- <xs:sequence>
  <xs:element ref="sif:SIF_Header" />
</xs:sequence>
</xs:complexType>
<xs:element name="SIF_Unregister" type="sif:SIF_UnregisterType" />
<!-- SIF_Unsubscribe -->
- <xs:complexType name="SIF_UnsubscribeType">
- <xs:sequence>
  <xs:element ref="sif:SIF_Header" />
  - <xs:element name="SIF_Object" maxOccurs="unbounded">
    - <xs:complexType>
      - <xs:sequence>
        <xs:element ref="sif:SIF_Contexts" minOccurs="0" />
      </xs:sequence>
      <xs:attribute name="ObjectName" use="required"
        type="sif:SIF_SubscribeObjectNamesType" />
      </xs:complexType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
<xs:element name="SIF_Unsubscribe" type="sif:SIF_UnsubscribeType" />
<!-- Infrastructure Data Objects -->
<!-- SIF_ZoneStatus -->
- <xs:complexType name="SIF_ZoneStatusType">
- <xs:sequence>
  <xs:element name="SIF_Name" minOccurs="0"
    type="xs:normalizedString" />
  <xs:element name="SIF_Icon" minOccurs="0" type="xs:anyURI" />
  - <xs:element name="SIF_Vendor" minOccurs="0">
    - <xs:complexType>
      - <xs:sequence>
        <xs:element name="SIF_Name" minOccurs="0"
          type="xs:normalizedString" />
        <xs:element name="SIF_Product" minOccurs="0"

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```

    type="xs:normalizedString" />
    <xs:element name="SIF_Version" minOccurs="0"
      type="xs:normalizedString" />
  </xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="SIF_Providers" minOccurs="0">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="SIF_Provider" minOccurs="0"
  maxOccurs="unbounded">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="SIF_ObjectList" minOccurs="0">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="SIF_Object"
  minOccurs="0"
  maxOccurs="unbounded">
- <xs:complexType>
- <xs:sequence>
  <xs:element
    name="SIF_ExtendedQuerySupport"
    minOccurs="0"
    type="xs:boolean" />
  <xs:element
    ref="sif:SIF_Contexts"
    minOccurs="0" />
</xs:sequence>
  <xs:attribute name="ObjectName"
    use="required"
    type="sif:ObjectNameType" />
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
- <xs:attribute name="SourceId" use="required">
- <xs:simpleType>
- <xs:restriction base="xs:token">
  <xs:maxLength value="64"
    xmlns:xs="http://www.w3.org/2001/XMLSchema" />
</xs:restriction>
</xs:simpleType>
</xs:attribute>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="SIF_Subscribers" minOccurs="0">
- <xs:complexType>

```



```

- <xs:sequence>
- <xs:element name="SIF_Subscriber" minOccurs="0"
  maxOccurs="unbounded">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="SIF_ObjectList" minOccurs="0">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="SIF_Object"
  minOccurs="0"
  maxOccurs="unbounded">
- <xs:complexType>
- <xs:sequence>
  <xs:element
    ref="sif:SIF_Contexts"
    minOccurs="0" />
  </xs:sequence>
  <xs:attribute name="ObjectName"
    use="required"
    type="sif:ObjectNameType" />
  </xs:complexType>
  </xs:element>
  </xs:sequence>
  </xs:complexType>
  </xs:element>
  </xs:sequence>
- <xs:attribute name="SourceId" use="required">
- <xs:simpleType>
- <xs:restriction base="xs:token">
  <xs:maxLength value="64"
    xmlns:xs="http://www.w3.org/2001/XMLSchema" />
  </xs:restriction>
  </xs:simpleType>
  </xs:attribute>
  </xs:complexType>
  </xs:element>
  </xs:sequence>
  </xs:complexType>
  </xs:element>
- <xs:element name="SIF_AddPublishers" minOccurs="0">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="SIF_Publisher" minOccurs="0"
  maxOccurs="unbounded">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="SIF_ObjectList" minOccurs="0">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="SIF_Object"
  minOccurs="0"
  maxOccurs="unbounded">
- <xs:complexType>

```

```

- <xs:sequence>
  <xs:element
    ref="sif:SIF_Contexts"
    minOccurs="0" />
  </xs:sequence>
  <xs:attribute name="ObjectName"
    use="required"
    type="sif:ObjectNameType" />
  </xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
- <xs:attribute name="SourceId" use="required">
- <xs:simpleType>
  - <xs:restriction base="xs:token">
    <xs:maxLength value="64"
      xmlns:xs="http://www.w3.org/2001/XMLSchema" />
    </xs:restriction>
  </xs:simpleType>
</xs:attribute>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="SIF_ChangePublishers" minOccurs="0">
- <xs:complexType>
- <xs:sequence>
  - <xs:element name="SIF_Publisher" minOccurs="0"
    maxOccurs="unbounded">
  - <xs:complexType>
  - <xs:sequence>
    - <xs:element name="SIF_ObjectList" minOccurs="0">
    - <xs:complexType>
    - <xs:sequence>
      - <xs:element name="SIF_Object"
        minOccurs="0"
        maxOccurs="unbounded">
      - <xs:complexType>
      - <xs:sequence>
        <xs:element
          ref="sif:SIF_Contexts"
          minOccurs="0" />
        </xs:sequence>
        <xs:attribute name="ObjectName"
          use="required"
          type="sif:ObjectNameType" />
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

```

    </xs:element>
  </xs:sequence>
- <xs:attribute name="SourceId" use="required">
- <xs:simpleType>
  - <xs:restriction base="xs:token">
    <xs:maxLength value="64"
      xmlns:xs="http://www.w3.org/2001/XMLSchema" />
    </xs:restriction>
  </xs:simpleType>
</xs:attribute>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="SIF_DeletePublishers" minOccurs="0">
- <xs:complexType>
- <xs:sequence>
  - <xs:element name="SIF_Publisher" minOccurs="0"
    maxOccurs="unbounded">
  - <xs:complexType>
  - <xs:sequence>
    - <xs:element name="SIF_ObjectList" minOccurs="0">
    - <xs:complexType>
    - <xs:sequence>
      - <xs:element name="SIF_Object"
        minOccurs="0"
        maxOccurs="unbounded">
      - <xs:complexType>
      - <xs:sequence>
        <xs:element
          ref="sif:SIF_Contexts"
          minOccurs="0" />
        </xs:sequence>
        <xs:attribute name="ObjectName"
          use="required"
          type="sif:ObjectNameType" />
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
- <xs:attribute name="SourceId" use="required">
- <xs:simpleType>
  - <xs:restriction base="xs:token">
    <xs:maxLength value="64"
      xmlns:xs="http://www.w3.org/2001/XMLSchema" />
    </xs:restriction>
  </xs:simpleType>
</xs:attribute>
</xs:complexType>
</xs:element>

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```

    </xs:sequence>
  </xs:complexType>
</xs:element>
- <xs:element name="SIF_Responders" minOccurs="0">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="SIF_Responder" minOccurs="0"
  maxOccurs="unbounded">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="SIF_ObjectList" minOccurs="0">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="SIF_Object"
  minOccurs="0"
  maxOccurs="unbounded">
- <xs:complexType>
- <xs:sequence>
  <xs:element
    name="SIF_ExtendedQuerySupport"
    minOccurs="0"
    type="xs:boolean" />
  <xs:element
    ref="sif:SIF_Contexts"
    minOccurs="0" />
</xs:sequence>
  <xs:attribute name="ObjectName"
    use="required"
    type="sif:ObjectNameType" />
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
- <xs:attribute name="SourceId" use="required">
- <xs:simpleType>
- <xs:restriction base="xs:token">
  <xs:maxLength value="64"
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</xs:restriction>
</xs:simpleType>
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</xs:complexType>
</xs:element>
- <xs:element name="SIF_Requesters" minOccurs="0">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="SIF_Requester" minOccurs="0"
  maxOccurs="unbounded">

```

```

- <xs:complexType>
- <xs:sequence>
- <xs:element name="SIF_ObjectList" minOccurs="0">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="SIF_Object"
  minOccurs="0"
  maxOccurs="unbounded">
- <xs:complexType>
- <xs:sequence>
  <xs:element
    name="SIF_ExtendedQuerySupport"
    minOccurs="0"
    type="xs:boolean" />
  <xs:element
    ref="sif:SIF_Contexts"
    minOccurs="0" />
</xs:sequence>
  <xs:attribute name="ObjectName"
    use="required"
    type="sif:ObjectNameType" />
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</xs:element>
</xs:sequence>
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</xs:element>
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- <xs:attribute name="SourceId" use="required">
- <xs:simpleType>
- <xs:restriction base="xs:token">
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</xs:restriction>
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</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="SIF_SIFNodes" minOccurs="0">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="SIF_SIFNode" minOccurs="0"
  maxOccurs="unbounded">
- <xs:complexType>
- <xs:sequence>
  <xs:element name="SIF_Name" minOccurs="0"
    type="xs:normalizedString" />
  <xs:element name="SIF_Icon" minOccurs="0"
    type="xs:anyURI" />
- <xs:element name="SIF_NodeVendor"
  minOccurs="0">

```

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- <xs:simpleType>
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    <xs:maxLength value="256"
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  </xs:restriction>
</xs:simpleType>
</xs:element>
- <xs:element name="SIF_NodeVersion"
  minOccurs="0">
  - <xs:simpleType>
    - <xs:restriction base="xs:normalizedString">
      <xs:maxLength value="32"
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    </xs:restriction>
  </xs:simpleType>
</xs:element>
- <xs:element name="SIF_Application"
  minOccurs="0">
  - <xs:complexType>
    - <xs:sequence>
      - <xs:element name="SIF_Vendor"
        minOccurs="0">
        - <xs:simpleType>
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            base="xs:normalizedString">
              <xs:maxLength value="256"
                xmlns:xs="http://www.w3.org/2001/XMLSchema" />
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
        - <xs:element name="SIF_Product"
          minOccurs="0">
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                  xmlns:xs="http://www.w3.org/2001/XMLSchema" />
              </xs:restriction>
            </xs:simpleType>
          </xs:element>
        - <xs:element name="SIF_Version"
          minOccurs="0">
          - <xs:simpleType>
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                <xs:maxLength value="32"
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              </xs:restriction>
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          </xs:element>
        </xs:sequence>
      </xs:complexType>
    </xs:element>

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- <xs:element name="SIF_SourceId" minOccurs="0">
- <xs:simpleType>
- <xs:restriction base="xs:token">
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  </xs:restriction>
</xs:simpleType>
</xs:element>
- <xs:element name="SIF_Mode" minOccurs="0">
- <xs:simpleType>
- <xs:restriction base="xs:token">
  <xs:enumeration value="Push" />
  <xs:enumeration value="Pull" />
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element ref="sif:SIF_Protocol" minOccurs="0" />
- <xs:element name="SIF_VersionList"
  minOccurs="0">
- <xs:complexType>
- <xs:sequence>
  <xs:element name="SIF_Version"
    minOccurs="0" maxOccurs="unbounded"
    type="sif:VersionWithWildcardsType" />
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element ref="sif:SIF_AuthenticationLevel"
  minOccurs="0" />
<xs:element ref="sif:SIF_EncryptionLevel"
  minOccurs="0" />
<xs:element name="SIF_MaxBufferSize"
  minOccurs="0" type="xs:unsignedInt" />
- <xs:element name="SIF_Sleeping" minOccurs="0">
- <xs:simpleType>
- <xs:restriction base="xs:token">
  <xs:enumeration value="No" />
  <xs:enumeration value="Yes" />
</xs:restriction>
</xs:simpleType>
</xs:element>
</xs:sequence>
- <xs:attribute name="Type" use="required">
- <xs:simpleType>
- <xs:restriction base="xs:token">
  <xs:enumeration value="Agent" />
  <xs:enumeration value="ZIS" />
</xs:restriction>
</xs:simpleType>
</xs:attribute>
</xs:complexType>
</xs:element>

```

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    </xs:sequence>
  </xs:complexType>
</xs:element>
- <xs:element name="SIF_SupportedAuthentication" minOccurs="0">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="SIF_ProtocolName" minOccurs="0"
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- <xs:simpleType>
- <xs:restriction base="xs:token">
  <xs:enumeration value="X.509" />
  </xs:restriction>
</xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="SIF_SupportedProtocols" minOccurs="0">
- <xs:complexType>
- <xs:sequence>
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    maxOccurs="unbounded" />
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</xs:complexType>
</xs:element>
- <xs:element name="SIF_SupportedVersions" minOccurs="0">
- <xs:complexType>
- <xs:sequence>
  <xs:element name="SIF_Version" minOccurs="0"
    maxOccurs="unbounded" type="sif:VersionType" />
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="SIF_AdministrationURL" minOccurs="0"
  type="xs:anyURI" />
<xs:element ref="sif:SIF_Contexts" minOccurs="0" />
<xs:element ref="sif:SIF_Metadata" minOccurs="0" />
<xs:element ref="sif:SIF_ExtendedElements" minOccurs="0" />
</xs:sequence>
<xs:attribute name="ZoneId" use="required" type="xs:token" />
</xs:complexType>
- <xs:element name="SIF_ZoneStatus" type="sif:SIF_ZoneStatusType">
- <xs:unique name="SIF_ZoneStatusKey1">
  <xs:selector xpath="." />
  <xs:field xpath="@ZoneId" />
</xs:unique>
</xs:element>
<!-- SIF_ZoneStatusInfrastructure -->
- <xs:complexType name="SIF_ZoneStatusInfrastructureType">
- <xs:sequence>
  <xs:element name="SIF_Name" type="xs:normalizedString" />
  <xs:element name="SIF_Icon" minOccurs="0" type="xs:anyURI" />

```



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- <xs:element name="SIF_Vendor" minOccurs="0">
- <xs:complexType>
- <xs:sequence>
  <xs:element name="SIF_Name" type="xs:normalizedString" />
  <xs:element name="SIF_Product"
    type="xs:normalizedString" />
  <xs:element name="SIF_Version"
    type="xs:normalizedString" />
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- <xs:element name="SIF_Providers" minOccurs="0">
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- <xs:sequence>
- <xs:element name="SIF_Provider" maxOccurs="unbounded">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="SIF_ObjectList">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="SIF_Object"
  maxOccurs="unbounded">
- <xs:complexType>
- <xs:sequence>
  <xs:element
    name="SIF_ExtendedQuerySupport"
    type="xs:boolean" />
  <xs:element
    ref="sif:SIF_Contexts" />
</xs:sequence>
  <xs:attribute name="ObjectName"
    use="required"
    type="sif:ObjectNameType" />
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
- <xs:attribute name="SourceId" use="required">
- <xs:simpleType>
- <xs:restriction base="xs:token">
  <xs:maxLength value="64"
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</xs:complexType>
</xs:element>
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</xs:complexType>
</xs:element>
- <xs:element name="SIF_Subscribers" minOccurs="0">

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- <xs:complexType>
- <xs:sequence>
- <xs:element name="SIF_Subscriber" maxOccurs="unbounded">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="SIF_ObjectList">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="SIF_Object"
maxOccurs="unbounded">
- <xs:complexType>
- <xs:sequence>
<xs:element
ref="sif:SIF_Contexts" />
</xs:sequence>
<xs:attribute name="ObjectName"
use="required"
type="sif:ObjectNameType" />
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</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
- <xs:attribute name="SourceId" use="required">
- <xs:simpleType>
- <xs:restriction base="xs:token">
<xs:maxLength value="64"
xmlns:xs="http://www.w3.org/2001/XMLSchema" />
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</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="SIF_AddPublishers" minOccurs="0">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="SIF_Publisher" maxOccurs="unbounded">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="SIF_ObjectList">
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- <xs:element name="SIF_Object"
maxOccurs="unbounded">
- <xs:complexType>
- <xs:sequence>
<xs:element
ref="sif:SIF_Contexts" />

```

```

        </xs:sequence>
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            type="sif:ObjectNameType" />
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- <xs:attribute name="SourceId" use="required">
- <xs:simpleType>
- <xs:restriction base="xs:token">
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- <xs:element name="SIF_ChangePublishers" minOccurs="0">
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- <xs:sequence>
- <xs:element name="SIF_Publisher" maxOccurs="unbounded">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="SIF_ObjectList">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="SIF_Object"
    maxOccurs="unbounded">
- <xs:complexType>
- <xs:sequence>
    <xs:element
        ref="sif:SIF_Contexts" />
    </xs:sequence>
    <xs:attribute name="ObjectName"
        use="required"
        type="sif:ObjectNameType" />
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    </xs:element>
    </xs:sequence>
    </xs:complexType>
    </xs:element>
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- <xs:attribute name="SourceId" use="required">
- <xs:simpleType>
- <xs:restriction base="xs:token">
    <xs:maxLength value="64"

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      </xs:restriction>
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- <xs:element name="SIF_Publisher" maxOccurs="unbounded">
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- <xs:sequence>
- <xs:element name="SIF_ObjectList">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="SIF_Object"
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- <xs:complexType>
- <xs:sequence>
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    use="required"
    type="sif:ObjectNameType" />
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- <xs:restriction base="xs:token">
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</xs:sequence>
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- <xs:sequence>
- <xs:element name="SIF_Responder" maxOccurs="unbounded">
- <xs:complexType>

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- <xs:sequence>
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- <xs:complexType>
- <xs:sequence>
- <xs:element name="SIF_Object"
  maxOccurs="unbounded">
- <xs:complexType>
- <xs:sequence>
  <xs:element
    name="SIF_ExtendedQuerySupport"
    type="xs:boolean" />
  <xs:element
    ref="sif:SIF_Contexts" />
</xs:sequence>
  <xs:attribute name="ObjectName"
    use="required"
    type="sif:ObjectNameType" />
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
- <xs:attribute name="SourceId" use="required">
- <xs:simpleType>
- <xs:restriction base="xs:token">
  <xs:maxLength value="64"
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</xs:complexType>
</xs:element>
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</xs:complexType>
</xs:element>
- <xs:element name="SIF_Requesters" minOccurs="0">
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- <xs:sequence>
- <xs:element name="SIF_Requester" maxOccurs="unbounded">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="SIF_ObjectList">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="SIF_Object"
  maxOccurs="unbounded">
- <xs:complexType>
- <xs:sequence>
  <xs:element
    name="SIF_ExtendedQuerySupport"
    type="xs:boolean" />
  <xs:element

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        ref="sif:SIF_Contexts" />
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      <xs:attribute name="ObjectName"
        use="required"
        type="sif:ObjectNameType" />
    </xs:complexType>
  </xs:element>
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</xs:sequence>
- <xs:attribute name="SourceId" use="required">
- <xs:simpleType>
  - <xs:restriction base="xs:token">
    <xs:maxLength value="64"
      xmlns:xs="http://www.w3.org/2001/XMLSchema" />
    </xs:restriction>
  </xs:simpleType>
</xs:attribute>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="SIF_SIFNodes" minOccurs="0">
- <xs:complexType>
  - <xs:sequence>
    - <xs:element name="SIF_SIFNode" maxOccurs="unbounded">
    - <xs:complexType>
      - <xs:sequence>
        <xs:element name="SIF_Name"
          type="xs:normalizedString" />
        <xs:element name="SIF_Icon" minOccurs="0"
          type="xs:anyURI" />
        - <xs:element name="SIF_NodeVendor"
          minOccurs="0">
          - <xs:simpleType>
            - <xs:restriction base="xs:normalizedString">
              <xs:maxLength value="256"
                xmlns:xs="http://www.w3.org/2001/XMLSchema" />
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
        - <xs:element name="SIF_NodeVersion"
          minOccurs="0">
          - <xs:simpleType>
            - <xs:restriction base="xs:normalizedString">
              <xs:maxLength value="32"
                xmlns:xs="http://www.w3.org/2001/XMLSchema" />
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
      - <xs:element name="SIF_Application"

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```

minOccurs="0">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="SIF_Vendor">
- <xs:simpleType>
- <xs:restriction
  base="xs:normalizedString">
  <xs:maxLength value="256"
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  </xs:restriction>
  </xs:simpleType>
</xs:element>
- <xs:element name="SIF_Product">
- <xs:simpleType>
- <xs:restriction
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  <xs:maxLength value="256"
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  </xs:restriction>
  </xs:simpleType>
</xs:element>
- <xs:element name="SIF_Version">
- <xs:simpleType>
- <xs:restriction
  base="xs:normalizedString">
  <xs:maxLength value="32"
  xmlns:xs="http://www.w3.org/2001/XMLSchema" />
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</xs:element>
- <xs:element name="SIF_SourceId">
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- <xs:restriction base="xs:token">
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  </xs:restriction>
  </xs:simpleType>
</xs:element>
- <xs:element name="SIF_Mode">
- <xs:simpleType>
- <xs:restriction base="xs:token">
  <xs:enumeration value="Push" />
  <xs:enumeration value="Pull" />
  </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element ref="sif:SIF_Protocol" minOccurs="0" />
- <xs:element name="SIF_VersionList">
- <xs:complexType>

```

```

- <xs:sequence>
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    maxOccurs="unbounded"
    type="sif:VersionWithWildcardsType" />
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</xs:complexType>
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  minOccurs="0" />
<xs:element ref="sif:SIF_EncryptionLevel"
  minOccurs="0" />
<xs:element name="SIF_MaxBufferSize"
  type="xs:unsignedInt" />
- <xs:element name="SIF_Sleeping">
  - <xs:simpleType>
    - <xs:restriction base="xs:token">
      <xs:enumeration value="No" />
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    </xs:restriction>
  </xs:simpleType>
</xs:element>
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- <xs:attribute name="Type" use="required">
  - <xs:simpleType>
    - <xs:restriction base="xs:token">
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      <xs:enumeration value="ZIS" />
    </xs:restriction>
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</xs:complexType>
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</xs:element>
- <xs:element name="SIF_SupportedAuthentication" minOccurs="0">
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    - <xs:sequence>
      - <xs:element name="SIF_ProtocolName"
        maxOccurs="unbounded">
        - <xs:simpleType>
          - <xs:restriction base="xs:token">
            <xs:enumeration value="X.509" />
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  </xs:complexType>
</xs:element>
- <xs:element name="SIF_SupportedProtocols">
  - <xs:complexType>
    - <xs:sequence>

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        <xs:element ref="sif:SIF_Protocol" maxOccurs="unbounded" />
      </xs:sequence>
    </xs:complexType>
  </xs:element>
- <xs:element name="SIF_SupportedVersions">
- <xs:complexType>
- <xs:sequence>
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    type="sif:VersionType" />
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</xs:complexType>
</xs:element>
<xs:element name="SIF_AdministrationURL" minOccurs="0"
  type="xs:anyURI" />
<xs:element ref="sif:SIF_Contexts" />
<xs:element ref="sif:SIF_Metadata" minOccurs="0" />
<xs:element ref="sif:SIF_ExtendedElements" minOccurs="0" />
</xs:sequence>
<xs:attribute name="ZoneId" use="required" type="xs:token" />
</xs:complexType>
<!-- SIF_AgentACL -->
- <xs:complexType name="SIF_AgentACLType">
- <xs:sequence>
- <xs:element name="SIF_ProvideAccess" minOccurs="0">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="SIF_Object" minOccurs="0"
  maxOccurs="unbounded">
- <xs:complexType>
- <xs:sequence>
  <xs:element ref="sif:SIF_Contexts" minOccurs="0" />
  </xs:sequence>
  <xs:attribute name="ObjectName" use="required"
    type="sif:ObjectNameType" />
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</xs:complexType>
</xs:element>
- <xs:element name="SIF_SubscribeAccess" minOccurs="0">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="SIF_Object" minOccurs="0"
  maxOccurs="unbounded">
- <xs:complexType>
- <xs:sequence>
  <xs:element ref="sif:SIF_Contexts" minOccurs="0" />
  </xs:sequence>
  <xs:attribute name="ObjectName" use="required"
    type="sif:ObjectNameType" />
  </xs:complexType>
</xs:element>

```

```

    </xs:sequence>
  </xs:complexType>
</xs:element>
- <xs:element name="SIF_PublishAddAccess" minOccurs="0">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="SIF_Object" minOccurs="0"
  maxOccurs="unbounded">
- <xs:complexType>
- <xs:sequence>
  <xs:element ref="sif:SIF_Contexts" minOccurs="0" />
  </xs:sequence>
  <xs:attribute name="ObjectName" use="required"
    type="sif:ObjectNameType" />
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- <xs:element name="SIF_PublishChangeAccess" minOccurs="0">
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- <xs:sequence>
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- <xs:element name="SIF_RequestAccess" minOccurs="0">

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- <xs:complexType>
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- <xs:element name="SIF_Object" minOccurs="0"
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<!-- SIF_AgentACLInfrastructure -->
- <xs:complexType name="SIF_AgentACLInfrastructureType">
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- <xs:element name="SIF_ProvideAccess">
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- <xs:sequence>
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- <xs:element name="SIF_SubscribeAccess">
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- <xs:element name="SIF_PublishDeleteAccess">

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- <xs:complexType>
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- <xs:element name="SIF_Object" minOccurs="0"
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- <xs:element name="SIF_RequestAccess">
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- <xs:element name="SIF_RespondAccess">
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- <xs:element name="SIF_Object" minOccurs="0"
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- <xs:sequence>
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  <xs:element ref="sif:SIF_ExtendedElements" minOccurs="0" />
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</xs:complexType>
<!-- Data Model Common Elements -->

```

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<!-- EnglishProficiency -->
- <xs:complexType name="EnglishProficiencyType">
- <xs:sequence>
  <xs:element name="Code" minOccurs="0"
    type="sif:NCES0585EnglishProficiencyType" />
  <xs:element name="OtherCodeList" minOccurs="0" nillable="true"
    type="sif:OtherCodeListType" />
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<xs:element name="EnglishProficiency" type="sif:EnglishProficiencyType" />
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- <xs:complexType name="LanguageListType">
- <xs:sequence>
  - <xs:element name="Language" minOccurs="0" maxOccurs="unbounded">
    - <xs:complexType>
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          nillable="true" type="sif:OtherCodeListType" />
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          nillable="true" type="sif:NCES0327LanguageTypeType" />
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  </xs:element>
</xs:sequence>
</xs:complexType>
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- <xs:simpleType name="PrimaryAssignmentType">
- <xs:restriction base="xs:token">
  <xs:enumeration value="Yes" />
  <xs:enumeration value="No" />
</xs:restriction>
</xs:simpleType>
<xs:element name="PrimaryAssignment" type="sif:PrimaryAssignmentType" />
<!-- OtherNames -->
- <xs:complexType name="OtherNamesType">
- <xs:sequence>
  - <xs:element name="Name" minOccurs="0" maxOccurs="unbounded">
    - <xs:complexType>
      - <xs:complexContent>
        - <xs:extension base="sif:OtherNameType">
          - <xs:attribute name="SIF_Action" use="optional">
            - <xs:simpleType>
              - <xs:restriction base="xs:token">
                <xs:enumeration value="Delete" />
              </xs:restriction>
            </xs:simpleType>
          </xs:attribute>

```

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        </xs:extension>
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    </xs:complexType>
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</xs:sequence>
</xs:complexType>
- <xs:element name="OtherNames" type="sif:OtherNamesType">
- <xs:unique name="OtherNamesKey1">
  <xs:selector xpath="./sif:Name" />
  <xs:field xpath="@Type" />
</xs:unique>
</xs:element>
<!-- PlannedAssessmentParticipation -->
- <xs:complexType name="PlannedAssessmentParticipationType">
- <xs:simpleContent>
  - <xs:extension base="xs:token">
    - <xs:attribute name="Codeset" use="required">
      - <xs:simpleType>
        - <xs:restriction base="xs:token">
          <xs:enumeration value="StateProvince" />
          <xs:enumeration value="Local" />
          <xs:enumeration value="Other" />
          <xs:enumeration value="Text" />
        </xs:restriction>
      </xs:simpleType>
    </xs:attribute>
  </xs:extension>
</xs:simpleContent>
</xs:complexType>
<xs:element name="PlannedAssessmentParticipation"
  type="sif:PlannedAssessmentParticipationType" />
<!-- ExceptionalityCategories -->
- <xs:complexType name="ExceptionalityCategoriesType">
- <xs:sequence>
  - <xs:element name="ExceptionalityCategory" minOccurs="0"
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    - <xs:complexType>
      - <xs:sequence>
        - <xs:element name="Code" minOccurs="0">
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            - <xs:union>
              - <xs:simpleType>
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                  base="sif:NCES0768PrimaryDisabilityTypeType" />
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              - <xs:simpleType>
                - <xs:restriction base="xs:token">
                  <xs:enumeration value="9999" />
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</xs:sequence>

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</xs:element>
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- <xs:element name="ExceptionalityPriority" minOccurs="0">
- <xs:simpleType>
  - <xs:restriction base="xs:token">
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    <xs:enumeration value="Secondary" />
    <xs:enumeration value="Tertiary" />
    <xs:enumeration value="Additional" />
  </xs:restriction>
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</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
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  type="sif:ExceptionalityCategoriesType" />
<!-- ProgramStatus -->
- <xs:complexType name="ProgramStatusType">
- <xs:sequence>
  - <xs:element name="Code" minOccurs="0">
    - <xs:simpleType>
      - <xs:restriction base="xs:token">
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        <xs:enumeration value="S002" />
        <xs:enumeration value="S003" />
        <xs:enumeration value="S004" />
        <xs:enumeration value="S005" />
        <xs:enumeration value="9999" />
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    type="sif:OtherCodeListType" />
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</xs:complexType>
<xs:element name="ProgramStatus" type="sif:ProgramStatusType" />
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- <xs:complexType name="ProgramTypeType">
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        - <xs:simpleType>
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    </xs:simpleType>
  </xs:element>

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<xs:enumeration value="0245" />
<xs:enumeration value="0248" />
<xs:enumeration value="0875" />
<xs:enumeration value="0249" />
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<xs:enumeration value="9999" />
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- <xs:simpleType>
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  <xs:enumeration value="0800" />
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  <xs:enumeration value="S004" />
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```

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        <xs:enumeration value="S008" />
        <xs:enumeration value="S009" />
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        <xs:enumeration value="S011" />
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<!-- GraduationRequirement -->
- <xs:simpleType name="GraduationRequirementType">
- <xs:restriction base="xs:token">
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</xs:restriction>
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- <xs:complexType name="SubjectAreaListType">
- <xs:sequence>
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        maxOccurs="unbounded" />
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</xs:complexType>
<xs:element name="SubjectAreaList" type="sif:SubjectAreaListType" />
<!-- TermSpan -->
- <xs:complexType name="TermSpanType">
- <xs:sequence>
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        type="sif:NCES0266SessionTypeType" />
    <xs:element name="OtherCodeList" minOccurs="0" nillable="true"
        type="sif:OtherCodeListType" />
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<!-- SchoolContactList -->
- <xs:complexType name="SchoolContactListType">
- <xs:sequence>
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```

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- <xs:complexType>
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  </xs:sequence>
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</xs:sequence>
</xs:complexType>
<xs:element name="SchoolContactList" type="sif:SchoolContactListType" />
<!-- SchoolURL -->
- <xs:simpleType name="SchoolURLType">
  <xs:restriction base="xs:anyURI" />
</xs:simpleType>
<xs:element name="SchoolURL" type="sif:SchoolURLType" />
<!-- LEAName -->
- <xs:simpleType name="LEANameType">
  <xs:restriction base="xs:normalizedString" />
</xs:simpleType>
<xs:element name="LEAName" type="sif:LEANameType" />
<!-- LastName -->
- <xs:simpleType name="LastNameType">
  <xs:restriction base="xs:normalizedString" />
</xs:simpleType>
<xs:element name="LastName" type="sif:LastNameType" />
<!-- FirstName -->
- <xs:simpleType name="FirstNameType">
  <xs:restriction base="xs:normalizedString" />
</xs:simpleType>
<xs:element name="FirstName" type="sif:FirstNameType" />
<!-- MiddleName -->
- <xs:simpleType name="MiddleNameType">
  <xs:restriction base="xs:normalizedString" />
</xs:simpleType>
<xs:element name="MiddleName" type="sif:MiddleNameType" />
<!-- SSN -->
- <xs:simpleType name="SSNType">
  <xs:restriction base="xs:token" />
</xs:simpleType>
<xs:element name="SSN" type="sif:SSNType" />
<!-- IDEA -->
- <xs:simpleType name="IDEAType">
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    <xs:enumeration value="Unknown" />
  </xs:restriction>
</xs:simpleType>
<xs:element name="IDEA" type="sif:IDEAType" />
<!-- Migrant -->
- <xs:simpleType name="MigrantType">

```

```

- <xs:restriction base="xs:token">
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  <xs:enumeration value="Unknown" />
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<xs:element name="Migrant" type="sif:MigrantType" />
<!-- Title1 -->
- <xs:simpleType name="Title1Type">
- <xs:restriction base="xs:token">
  <xs:enumeration value="Yes" />
  <xs:enumeration value="No" />
  <xs:enumeration value="Unknown" />
</xs:restriction>
</xs:simpleType>
<xs:element name="Title1" type="sif:Title1Type" />
<!-- GiftedTalented -->
- <xs:simpleType name="GiftedTalentedType">
- <xs:restriction base="xs:token">
  <xs:enumeration value="Yes" />
  <xs:enumeration value="No" />
  <xs:enumeration value="Unknown" />
</xs:restriction>
</xs:simpleType>
<xs:element name="GiftedTalented" type="sif:GiftedTalentedType" />
<!-- EconomicDisadvantage -->
- <xs:simpleType name="EconomicDisadvantageType">
- <xs:restriction base="xs:token">
  <xs:enumeration value="Yes" />
  <xs:enumeration value="No" />
  <xs:enumeration value="Unknown" />
</xs:restriction>
</xs:simpleType>
<xs:element name="EconomicDisadvantage"
  type="sif:EconomicDisadvantageType" />
<!-- ELL -->
- <xs:simpleType name="ELLType">
- <xs:restriction base="xs:token">
  <xs:enumeration value="Yes" />
  <xs:enumeration value="No" />
  <xs:enumeration value="Unknown" />
</xs:restriction>
</xs:simpleType>
<xs:element name="ELL" type="sif:ELLType" />
<!-- Homeless -->
- <xs:simpleType name="HomelessType">
- <xs:restriction base="xs:token">
  <xs:enumeration value="Yes" />
  <xs:enumeration value="No" />
  <xs:enumeration value="Unknown" />
</xs:restriction>
</xs:simpleType>

```

```

<xs:element name="Homeless" type="sif:HomelessType" />
<!-- Section504 -->
- <xs:simpleType name="Section504Type">
- <xs:restriction base="xs:token">
  <xs:enumeration value="Yes" />
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  <xs:enumeration value="Unknown" />
</xs:restriction>
</xs:simpleType>
<xs:element name="Section504" type="sif:Section504Type" />
<!-- VocationalConcentrator -->
- <xs:simpleType name="VocationalConcentratorType">
- <xs:restriction base="xs:token">
  <xs:enumeration value="Yes" />
  <xs:enumeration value="No" />
  <xs:enumeration value="Unknown" />
</xs:restriction>
</xs:simpleType>
<xs:element name="VocationalConcentrator"
  type="sif:VocationalConcentratorType" />
<!-- Immigrant -->
- <xs:simpleType name="ImmigrantType">
- <xs:restriction base="xs:token">
  <xs:enumeration value="Yes" />
  <xs:enumeration value="No" />
  <xs:enumeration value="Unknown" />
</xs:restriction>
</xs:simpleType>
<xs:element name="Immigrant" type="sif:ImmigrantType" />
<!-- NeglectedDelinquent -->
- <xs:simpleType name="NeglectedDelinquentType">
- <xs:restriction base="xs:token">
  <xs:enumeration value="Yes" />
  <xs:enumeration value="No" />
  <xs:enumeration value="Unknown" />
</xs:restriction>
</xs:simpleType>
<xs:element name="NeglectedDelinquent"
  type="sif:NeglectedDelinquentType" />
<!-- CourseCode -->
- <xs:simpleType name="CourseCodeType">
  <xs:restriction base="xs:normalizedString" />
</xs:simpleType>
<xs:element name="CourseCode" type="sif:CourseCodeType" />
<!-- StateCourseCode -->
- <xs:simpleType name="StateCourseCodeType">
  <xs:restriction base="xs:normalizedString" />
</xs:simpleType>
<xs:element name="StateCourseCode" type="sif:StateCourseCodeType" />
<!-- DistrictCourseCode -->
- <xs:simpleType name="DistrictCourseCodeType">
  <xs:restriction base="xs:normalizedString" />

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```

</xs:simpleType>
<xs:element name="DistrictCourseCode" type="sif:DistrictCourseCodeType" />
<!-- CourseTitle -->
- <xs:simpleType name="CourseTitleType">
  <xs:restriction base="xs:normalizedString" />
</xs:simpleType>
<xs:element name="CourseTitle" type="sif:CourseTitleType" />
<!-- IdentificationInfoList -->
- <xs:complexType name="IdentificationInfoListType">
  - <xs:sequence>
    <xs:element ref="sif:IdentificationInfo" minOccurs="0"
      maxOccurs="unbounded" />
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<xs:element name="IdentificationInfoList"
  type="sif:IdentificationInfoListType" />
<!-- IdentificationInfo -->
- <xs:complexType name="IdentificationInfoType">
  - <xs:simpleContent>
    - <xs:extension base="xs:normalizedString">
      - <xs:attribute name="Code" use="required">
        - <xs:simpleType>
          - <xs:restriction base="sif:NCES0147IdentificationSystemType">
            <xs:enumeration value="0175" />
            <xs:enumeration value="0264" />
            <xs:enumeration value="0276" />
            <xs:enumeration value="0764" />
            <xs:enumeration value="9999" />
          </xs:restriction>
        </xs:simpleType>
      </xs:attribute>
    </xs:extension>
  </xs:simpleContent>
</xs:complexType>
<xs:element name="IdentificationInfo" type="sif:IdentificationInfoType" />
<!-- CourseCredits -->
- <xs:complexType name="CourseCreditsType">
  - <xs:simpleContent>
    - <xs:extension base="sif:XSDDecimalOrEmpty">
      <xs:attribute name="Type" use="required"
        type="sif:NCES0108CreditTypeEarnedType" />
    </xs:extension>
  </xs:simpleContent>
</xs:complexType>
<xs:element name="CourseCredits" type="sif:CourseCreditsType" />
<!-- InstructionalLevel -->
- <xs:complexType name="InstructionalLevelType">
  - <xs:sequence>
    <xs:element name="Code" minOccurs="0"
      type="sif:NCES0437InstructionalLevelType" />
    <xs:element name="OtherCodeList" minOccurs="0" nillable="true"
      type="sif:OtherCodeListType" />
  </xs:sequence>

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    </xs:sequence>
  </xs:complexType>
  <xs:element name="InstructionalLevel" type="sif:InstructionalLevelType" />
  <!-- AddressList -->
- <xs:complexType name="AddressListType">
- <xs:sequence>
- <xs:element name="Address" minOccurs="0" maxOccurs="unbounded">
- <xs:complexType>
- <xs:complexContent>
- <xs:extension base="sif:AddressType">
- <xs:attribute name="SIF_Action" use="optional">
- <xs:simpleType>
- <xs:restriction base="xs:token">
  <xs:enumeration value="Delete" />
  </xs:restriction>
  </xs:simpleType>
  </xs:attribute>
  </xs:extension>
  </xs:complexContent>
  </xs:complexType>
  </xs:element>
  </xs:sequence>
</xs:complexType>
- <xs:element name="AddressList" type="sif:AddressListType">
- <xs:unique name="AddressListKey1">
  <xs:selector xpath="./sif:Address" />
  <xs:field xpath="@Type" />
  </xs:unique>
</xs:element>
<!-- Address -->
- <xs:complexType name="AddressType">
- <xs:sequence>
- <xs:element name="Street" minOccurs="0">
- <xs:complexType>
- <xs:sequence>
  <xs:element name="Line1" minOccurs="0"
    type="xs:normalizedString" />
  <xs:element name="Line2" minOccurs="0" nillable="true"
    type="xs:normalizedString" />
  <xs:element name="Line3" minOccurs="0" nillable="true"
    type="xs:normalizedString" />
  <xs:element name="Complex" minOccurs="0" nillable="true"
    type="xs:normalizedString" />
  <xs:element name="StreetNumber" minOccurs="0"
    nillable="true" type="xs:normalizedString" />
  <xs:element name="StreetPrefix" minOccurs="0" nillable="true"
    type="xs:normalizedString" />
  <xs:element name="StreetName" minOccurs="0" nillable="true"
    type="xs:normalizedString" />
  <xs:element name="StreetType" minOccurs="0" nillable="true"
    type="xs:normalizedString" />
  <xs:element name="StreetSuffix" minOccurs="0" nillable="true"
    type="xs:normalizedString" />

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    <xs:element name="ApartmentType" minOccurs="0"
      nillable="true" type="xs:normalizedString" />
    <xs:element name="ApartmentNumberPrefix" minOccurs="0"
      nillable="true" type="xs:normalizedString" />
    <xs:element name="ApartmentNumber" minOccurs="0"
      nillable="true" type="xs:normalizedString" />
    <xs:element name="ApartmentNumberSuffix" minOccurs="0"
      nillable="true" type="xs:normalizedString" />
  </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="City" minOccurs="0" type="xs:normalizedString" />
<xs:element name="County" minOccurs="0" nillable="true"
  type="xs:normalizedString" />
<xs:element ref="sif:StateProvince" minOccurs="0" />
<xs:element ref="sif:Country" minOccurs="0" />
<xs:element name="PostalCode" minOccurs="0"
  type="xs:normalizedString" />
<xs:element name="GridLocation" minOccurs="0" nillable="true"
  type="sif:GridLocationType" />
</xs:sequence>
<xs:attribute name="Type" use="required"
  type="sif:NCES0025AddressTypeType" />
</xs:complexType>
<xs:element name="Address" type="sif:AddressType" />
<!-- StateProvince -->
- <xs:simpleType name="StateProvinceType">
- <xs:union>
- <xs:simpleType>
  <xs:restriction base="sif:USPSAbbreviationsType" />
</xs:simpleType>
- <xs:simpleType>
  <xs:restriction base="sif:CanadaPostProvincesAndTerritoriesType" />
</xs:simpleType>
- <xs:simpleType>
  <xs:restriction base="xs:token" />
</xs:simpleType>
</xs:union>
</xs:simpleType>
<xs:element name="StateProvince" type="sif:StateProvinceType" />
<!-- Country -->
- <xs:simpleType name="CountryType">
- <xs:union>
- <xs:simpleType>
  <xs:restriction
    base="sif:ISO31661EnglishCountryNamesAndCodeElementsType" />
</xs:simpleType>
- <xs:simpleType>
  <xs:restriction
    base="sif:ISO31663CodeForFormerlyUsedNamesOfCountriesType" />
</xs:simpleType>
</xs:union>
</xs:simpleType>

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<xs:element name="Country" type="sif:CountryType" />
<!-- CongressionalDistrict -->
- <xs:simpleType name="CongressionalDistrictType">
- <xs:union>
- <xs:simpleType>
  <xs:restriction base="xs:unsignedInt" />
</xs:simpleType>
- <xs:simpleType>
  <xs:restriction base="xs:token" />
</xs:simpleType>
</xs:union>
</xs:simpleType>
<xs:element name="CongressionalDistrict"
  type="sif:CongressionalDistrictType" />
<!-- ContactInfo -->
- <xs:complexType name="ContactInfoType">
- <xs:sequence>
- <xs:element name="Name" minOccurs="0">
- <xs:complexType>
- <xs:sequence>
  <xs:element name="Prefix" minOccurs="0" nillable="true"
    type="xs:normalizedString" />
  <xs:element name="LastName" minOccurs="0" nillable="true"
    type="sif:LastNameType" />
  <xs:element name="FirstName" minOccurs="0" nillable="true"
    type="sif:FirstNameType" />
  <xs:element name="MiddleName" minOccurs="0" nillable="true"
    type="sif:MiddleNameType" />
  <xs:element name="Suffix" minOccurs="0" nillable="true"
    type="xs:normalizedString" />
  <xs:element name="PreferredName" minOccurs="0"
    nillable="true" type="xs:normalizedString" />
  <xs:element name="SortName" minOccurs="0" nillable="true"
    type="xs:normalizedString" />
  <xs:element name="FullName" minOccurs="0" nillable="true"
    type="xs:normalizedString" />
</xs:sequence>
- <xs:attribute name="Type" use="required">
- <xs:simpleType>
- <xs:restriction base="xs:token">
  <xs:enumeration value="01" />
  <xs:enumeration value="02" />
  <xs:enumeration value="03" />
  <xs:enumeration value="04" />
  <xs:enumeration value="05" />
  <xs:enumeration value="07" />
  <xs:enumeration value="08" />
</xs:restriction>
</xs:simpleType>
</xs:attribute>
</xs:complexType>
</xs:element>
<xs:element name="PositionTitle" minOccurs="0" nillable="true"

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type="xs:normalizedString" />
  <xs:element name="Role" minOccurs="0" nillable="true"
    type="xs:normalizedString" />
  <xs:element name="Address" minOccurs="0" nillable="true"
    type="sif:AddressType" />
- <xs:element name="EmailList" minOccurs="0" nillable="true"
  type="sif:EmailListType">
  - <xs:unique name="EmailListKey1">
    <xs:selector xpath="./sif:Email" />
    <xs:field xpath="@Type" />
  </xs:unique>
</xs:element>
- <xs:element name="PhoneNumberList" minOccurs="0" nillable="true"
  type="sif:PhoneNumberListType">
  - <xs:unique name="PhoneNumberListKey1">
    <xs:selector xpath="./sif:PhoneNumber" />
    <xs:field xpath="@Type" />
  </xs:unique>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:element name="ContactInfo" type="sif:ContactInfoType" />
<!-- HispanicLatino -->
- <xs:simpleType name="HispanicLatinoType">
  - <xs:restriction base="xs:token">
    <xs:enumeration value="Yes" />
    <xs:enumeration value="No" />
  </xs:restriction>
</xs:simpleType>
<xs:element name="HispanicLatino" type="sif:HispanicLatinoType" />
<!-- Location -->
- <xs:complexType name="LocationType">
  - <xs:sequence>
    <xs:element name="LocationName" minOccurs="0" nillable="true"
      type="xs:token" />
    - <xs:element name="LocationRefId" minOccurs="0" nillable="true">
      - <xs:complexType>
        - <xs:simpleContent>
          - <xs:extension base="sif:IdRefTypeOrEmpty">
            - <xs:attribute name="SIF_RefObject" use="required">
              - <xs:simpleType>
                - <xs:restriction base="xs:token">
                  <xs:enumeration value="SchoolInfo" />
                  <xs:enumeration value="LEAInfo" />
                  <xs:enumeration value="RoomInfo" />
                  <xs:enumeration value="LocationInfo" />
                </xs:restriction>
              </xs:simpleType>
            </xs:attribute>
          </xs:extension>
        </xs:simpleContent>
      </xs:complexType>

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    </xs:element>
  </xs:sequence>
- <xs:attribute name="Type" use="optional">
- <xs:simpleType>
  - <xs:restriction base="xs:token">
    <xs:enumeration value="Classroom" />
    <xs:enumeration value="School" />
    <xs:enumeration value="District" />
    <xs:enumeration value="Campus" />
    <xs:enumeration value="IntermediateUnit" />
    <xs:enumeration value="StateEducationAgency" />
    <xs:enumeration value="NonInstructionalSpace" />
    <xs:enumeration value="AthleticVenue" />
    <xs:enumeration value="Other" />
  </xs:restriction>
</xs:simpleType>
</xs:attribute>
</xs:complexType>
<xs:element name="Location" type="sif:LocationType" />
<!-- RaceList -->
- <xs:complexType name="RaceListType">
- <xs:sequence>
  - <xs:element name="Race" minOccurs="0" maxOccurs="unbounded">
    - <xs:complexType>
      - <xs:sequence>
        - <xs:element name="Code" minOccurs="0">
          - <xs:simpleType>
            - <xs:union>
              - <xs:simpleType>
                <xs:restriction base="sif:NCES0849RaceType" />
              </xs:simpleType>
              - <xs:simpleType>
                - <xs:restriction base="xs:token">
                  <xs:enumeration value="A" />
                  <xs:enumeration value="H" />
                </xs:restriction>
              </xs:simpleType>
            </xs:union>
          </xs:simpleType>
        </xs:element>
        <xs:element name="OtherCodeList" minOccurs="0"
          nillable="true" type="sif:OtherCodeListType" />
        <xs:element name="Proportion" minOccurs="0" nillable="true"
          type="xs:decimal" />
      </xs:sequence>
    </xs:complexType>
  </xs:element>
</xs:sequence>
</xs:complexType>
<xs:element name="RaceList" type="sif:RaceListType" />
<!-- Gender -->
- <xs:simpleType name="GenderType">

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- <xs:restriction base="xs:token">
  <xs:enumeration value="M" />
  <xs:enumeration value="F" />
  <xs:enumeration value="U" />
</xs:restriction>
</xs:simpleType>
<xs:element name="Gender" type="sif:GenderType" />
<!-- BirthDate -->
- <xs:simpleType name="BirthDateType">
  <xs:restriction base="xs:date" />
</xs:simpleType>
<xs:element name="BirthDate" type="sif:BirthDateType" />
<!-- Demographics -->
- <xs:complexType name="DemographicsType">
- <xs:sequence>
  <xs:element name="RaceList" minOccurs="0" nillable="true"
    type="sif:RaceListType" />
  <xs:element name="HispanicLatino" minOccurs="0" nillable="true"
    type="sif:HispanicLatinoType" />
  <xs:element name="Gender" minOccurs="0" nillable="true"
    type="sif:GenderType" />
  <xs:element name="BirthDate" minOccurs="0" nillable="true"
    type="sif:BirthDateType" />
  <xs:element name="BirthDateVerification" minOccurs="0" nillable="true"
    type="sif:NCES0315BirthdateVerificationType" />
  <xs:element name="PlaceOfBirth" minOccurs="0" nillable="true"
    type="xs:normalizedString" />
  <xs:element name="CountyOfBirth" minOccurs="0" nillable="true"
    type="xs:normalizedString" />
  <xs:element name="StateOfBirth" minOccurs="0" nillable="true"
    type="sif:StateProvinceType" />
  <xs:element name="CountryOfBirth" minOccurs="0" nillable="true"
    type="sif:CountryType" />
  - <xs:element name="CountriesOfCitizenship" minOccurs="0"
    nillable="true">
    - <xs:complexType>
      - <xs:sequence>
        <xs:element name="CountryOfCitizenship" minOccurs="0"
          maxOccurs="unbounded" type="sif:CountryType" />
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  - <xs:element name="CountriesOfResidency" minOccurs="0" nillable="true">
    - <xs:complexType>
      - <xs:sequence>
        <xs:element name="CountryOfResidency" minOccurs="0"
          maxOccurs="unbounded" type="sif:CountryType" />
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="CountryArrivalDate" minOccurs="0" nillable="true"
    type="xs:date" />
  <xs:element name="CitizenshipStatus" minOccurs="0" nillable="true"

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type="sif:NCES0322CitizenshipStatusType" />
  <xs:element name="EnglishProficiency" minOccurs="0" nillable="true"
    type="sif:EnglishProficiencyType" />
  <xs:element name="LanguageList" minOccurs="0" nillable="true"
    type="sif:LanguageListType" />
- <xs:element name="DwellingArrangement" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
  <xs:element name="Code" minOccurs="0"
    type="sif:NCES0600DwellingArrangementType" />
  <xs:element name="OtherCodeList" minOccurs="0"
    nillable="true" type="sif:OtherCodeListType" />
</xs:sequence>
</xs:complexType>
</xs:element>
  <xs:element name="MaritalStatus" minOccurs="0" nillable="true"
    type="sif:NCES0330MaritalStatusType" />
</xs:sequence>
</xs:complexType>
<xs:element name="Demographics" type="sif:DemographicsType" />
<!-- EducationalLevel -->
- <xs:simpleType name="EducationalLevelType">
  <xs:restriction
    base="sif:NCES0332HighestLevelOfEducationCompletedType" />
</xs:simpleType>
<xs:element name="EducationalLevel" type="sif:EducationalLevelType" />
<!-- ElectronicIdList -->
- <xs:complexType name="ElectronicIdListType">
- <xs:sequence>
  <xs:element ref="sif:ElectronicId" minOccurs="0"
    maxOccurs="unbounded" />
</xs:sequence>
</xs:complexType>
<xs:element name="ElectronicIdList" type="sif:ElectronicIdListType" />
<!-- ElectronicId -->
- <xs:complexType name="ElectronicIdType">
- <xs:simpleContent>
- <xs:extension base="xs:normalizedString">
- <xs:attribute name="Type" use="required">
- <xs:simpleType>
- <xs:restriction base="xs:token">
  <xs:enumeration value="Barcode" />
  <xs:enumeration value="Magstripe" />
  <xs:enumeration value="PIN" />
  <xs:enumeration value="RFID" />
</xs:restriction>
</xs:simpleType>
</xs:attribute>
</xs:extension>
</xs:simpleContent>
</xs:complexType>
<xs:element name="ElectronicId" type="sif:ElectronicIdType" />

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<!-- EmailList -->
- <xs:complexType name="EmailListType">
- <xs:sequence>
- <xs:element name="Email" minOccurs="0" maxOccurs="unbounded">
- <xs:complexType>
- <xs:simpleContent>
- <xs:extension base="sif:EmailType">
- <xs:attribute name="SIF_Action" use="optional">
- <xs:simpleType>
- <xs:restriction base="xs:token">
  <xs:enumeration value="Delete" />
  </xs:restriction>
  </xs:simpleType>
  </xs:attribute>
  </xs:extension>
  </xs:simpleContent>
  </xs:complexType>
  </xs:element>
  </xs:sequence>
</xs:complexType>
- <xs:element name="EmailList" type="sif:EmailListType">
- <xs:unique name="EmailListKey2">
  <xs:selector xpath="./sif:Email" />
  <xs:field xpath="@Type" />
  </xs:unique>
</xs:element>
<!-- Email -->
- <xs:complexType name="EmailType">
- <xs:simpleContent>
- <xs:extension base="xs:normalizedString">
- <xs:attribute name="Type" use="required">
- <xs:simpleType>
- <xs:restriction base="xs:token">
  <xs:enumeration value="Primary" />
  <xs:enumeration value="Alternate1" />
  <xs:enumeration value="Alternate2" />
  <xs:enumeration value="Alternate3" />
  <xs:enumeration value="Alternate4" />
  </xs:restriction>
  </xs:simpleType>
  </xs:attribute>
  </xs:extension>
  </xs:simpleContent>
</xs:complexType>
<xs:element name="Email" type="sif:EmailType" />
<!-- EntryDate -->
- <xs:simpleType name="EntryDateType">
  <xs:restriction base="xs:date" />
  </xs:simpleType>
  <xs:element name="EntryDate" type="sif:EntryDateType" />
  <!-- ExitDate -->
- <xs:simpleType name="ExitDateType">

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```

    <xs:restriction base="xs:date" />
  </xs:simpleType>
  <xs:element name="ExitDate" type="sif:ExitDateType" />
  <!-- GradeLevel -->
- <xs:complexType name="GradeLevelType">
- <xs:sequence>
- <xs:element name="Code" minOccurs="0">
- <xs:simpleType>
- <xs:restriction base="xs:token">
  <xs:enumeration value="PK" />
  <xs:enumeration value="KG" />
  <xs:enumeration value="01" />
  <xs:enumeration value="02" />
  <xs:enumeration value="03" />
  <xs:enumeration value="04" />
  <xs:enumeration value="05" />
  <xs:enumeration value="06" />
  <xs:enumeration value="07" />
  <xs:enumeration value="08" />
  <xs:enumeration value="09" />
  <xs:enumeration value="10" />
  <xs:enumeration value="11" />
  <xs:enumeration value="12" />
  <xs:enumeration value="PG" />
  <xs:enumeration value="UN" />
  <xs:enumeration value="Other" />
  <xs:enumeration value="Unknown" />
  </xs:restriction>
  </xs:simpleType>
  </xs:element>
  <xs:element name="OtherCodeList" minOccurs="0" nillable="true"
    type="sif:OtherCodeListType" />
  </xs:sequence>
</xs:complexType>
<xs:element name="GradeLevel" type="sif:GradeLevelType" />
<!-- GradeLevels -->
- <xs:complexType name="GradeLevelsType">
- <xs:sequence>
  <xs:element ref="sif:GradeLevel" minOccurs="0"
    maxOccurs="unbounded" />
  </xs:sequence>
</xs:complexType>
<xs:element name="GradeLevels" type="sif:GradeLevelsType" />
<!-- GraduationDate -->
- <xs:simpleType name="GraduationDateType">
  <xs:restriction base="sif:PartialDateType" />
  </xs:simpleType>
  <xs:element name="GraduationDate" type="sif:GraduationDateType" />
  <!-- ProjectedGraduationYear -->
- <xs:simpleType name="ProjectedGraduationYearType">
  <xs:restriction base="xs:gYear" />
  </xs:simpleType>

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```

<xs:element name="ProjectedGraduationYear"
  type="sif:ProjectedGraduationYearType" />
<!-- OnTimeGraduationYear -->
- <xs:simpleType name="OnTimeGraduationYearType">
  <xs:restriction base="xs:gYear" />
</xs:simpleType>
<xs:element name="OnTimeGraduationYear"
  type="sif:OnTimeGraduationYearType" />
<!-- GridLocation -->
- <xs:complexType name="GridLocationType">
  - <xs:sequence>
    - <xs:element name="Latitude" minOccurs="0">
      - <xs:simpleType>
        - <xs:restriction base="xs:decimal">
          <xs:minInclusive value="-90"
            xmlns:xs="http://www.w3.org/2001/XMLSchema" />
          <xs:maxInclusive value="90"
            xmlns:xs="http://www.w3.org/2001/XMLSchema" />
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    - <xs:element name="Longitude" minOccurs="0">
      - <xs:simpleType>
        - <xs:restriction base="xs:decimal">
          <xs:minInclusive value="-180"
            xmlns:xs="http://www.w3.org/2001/XMLSchema" />
          <xs:maxInclusive value="180"
            xmlns:xs="http://www.w3.org/2001/XMLSchema" />
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
  <xs:element name="GridLocation" type="sif:GridLocationType" />
  <!-- HomeroomNumber -->
- <xs:simpleType name="HomeroomNumberType">
  <xs:restriction base="xs:normalizedString" />
</xs:simpleType>
<xs:element name="HomeroomNumber" type="sif:HomeroomNumberType" />
<!-- LocalId -->
- <xs:simpleType name="LocalIdType">
  <xs:restriction base="xs:normalizedString" />
</xs:simpleType>
<xs:element name="LocalId" type="sif:LocalIdType" />
<!-- MeetingTime -->
- <xs:complexType name="MeetingTimeType">
  - <xs:sequence>
    <xs:element name="TimetableDay" minOccurs="0" nillable="true"
      type="xs:normalizedString" />
    <xs:element name="TimetablePeriod" minOccurs="0" nillable="true"
      type="xs:normalizedString" />
  </xs:sequence>

```



```

</xs:complexType>
<xs:element name="MeetingTime" type="sif:MeetingTimeType" />
<!-- Name -->
- <xs:complexType name="NameType">
- <xs:complexContent>
- <xs:extension base="sif:BaseNameType">
- <xs:attribute name="Type" use="required">
- <xs:simpleType>
- <xs:restriction base="xs:token">
  <xs:enumeration value="01" />
  <xs:enumeration value="02" />
  <xs:enumeration value="03" />
  <xs:enumeration value="04" />
  <xs:enumeration value="05" />
  <xs:enumeration value="07" />
  <xs:enumeration value="08" />
</xs:restriction>
</xs:simpleType>
</xs:attribute>
</xs:extension>
</xs:complexContent>
</xs:complexType>
<xs:element name="Name" type="sif:NameType" />
<!-- NCESId -->
- <xs:simpleType name="NCESIdType">
  <xs:restriction base="xs:normalizedString" />
</xs:simpleType>
<xs:element name="NCESId" type="sif:NCESIdType" />
<!-- OperationalStatus -->
- <xs:simpleType name="OperationalStatusType">
- <xs:union>
- <xs:simpleType>
  <xs:restriction base="sif:NCES0256SchoolStatusType" />
</xs:simpleType>
- <xs:simpleType>
  <xs:restriction base="sif:NCES0032AgencyStatusType" />
</xs:simpleType>
</xs:union>
</xs:simpleType>
<xs:element name="OperationalStatus" type="sif:OperationalStatusType" />
<!-- OtherId -->
- <xs:complexType name="OtherIdType">
- <xs:simpleContent>
- <xs:extension base="xs:normalizedString">
  <xs:attribute name="Type" use="required"
    type="sif:NCES0147IdentificationSystemType" />
</xs:extension>
</xs:simpleContent>
</xs:complexType>
<xs:element name="OtherId" type="sif:OtherIdType" />
<!-- PhoneNumberList -->
- <xs:complexType name="PhoneNumberListType">

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```

- <xs:sequence>
  - <xs:element name="PhoneNumber" minOccurs="0"
    maxOccurs="unbounded">
    - <xs:complexType>
      - <xs:complexContent>
        - <xs:extension base="sif:PhoneNumberType">
          - <xs:attribute name="SIF_Action" use="optional">
            - <xs:simpleType>
              - <xs:restriction base="xs:token">
                <xs:enumeration value="Delete" />
              </xs:restriction>
            </xs:simpleType>
          </xs:attribute>
        </xs:extension>
      </xs:complexContent>
    </xs:complexType>
  </xs:element>
</xs:sequence>
</xs:complexType>
- <xs:element name="PhoneNumberList" type="sif:PhoneNumberListType">
- <xs:unique name="PhoneNumberListKey2">
  <xs:selector xpath="./sif:PhoneNumber" />
  <xs:field xpath="@Type" />
</xs:unique>
</xs:element>
<!-- PhoneNumber -->
- <xs:complexType name="PhoneNumberType">
- <xs:sequence>
  <xs:element name="Number" minOccurs="0"
    type="xs:normalizedString" />
  <xs:element name="Extension" minOccurs="0" nillable="true"
    type="xs:normalizedString" />
  - <xs:element name="ListedStatus" minOccurs="0" nillable="true">
    - <xs:simpleType>
      - <xs:restriction base="xs:token">
        <xs:enumeration value="Listed" />
        <xs:enumeration value="Unlisted" />
        <xs:enumeration value="Unknown" />
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
</xs:sequence>
  <xs:attribute name="Type" use="required"
    type="sif:NCES0280TelephoneNumberTypeType" />
</xs:complexType>
<xs:element name="PhoneNumber" type="sif:PhoneNumberType" />
<!-- Program -->
- <xs:complexType name="ProgramType">
- <xs:simpleContent>
  - <xs:extension base="xs:normalizedString">
    - <xs:attribute name="Type" use="required">
      - <xs:simpleType>

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- <xs:restriction base="xs:token">
  <xs:enumeration value="Foodservice" />
  <xs:enumeration value="CFDA" />
  <xs:enumeration value="NCES" />
  <xs:enumeration value="StateDOE" />
  <xs:enumeration value="Local" />
  <xs:enumeration value="Text" />
</xs:restriction>
</xs:simpleType>
</xs:attribute>
</xs:extension>
</xs:simpleContent>
</xs:complexType>
<xs:element name="Program" type="sif:ProgramType" />
<!-- PublishInDirectory -->
- <xs:simpleType name="PublishInDirectoryType">
- <xs:restriction base="xs:token">
  <xs:enumeration value="Yes" />
  <xs:enumeration value="No" />
</xs:restriction>
</xs:simpleType>
<xs:element name="PublishInDirectory" type="sif:PublishInDirectoryType" />
<!-- Relationship -->
- <xs:complexType name="RelationshipType">
- <xs:sequence>
  <xs:element name="Code" minOccurs="0"
    type="sif:NCES0609RelationshipToStudentType" />
  <xs:element name="OtherCodeList" minOccurs="0" nillable="true"
    type="sif:OtherCodeListType" />
</xs:sequence>
</xs:complexType>
<xs:element name="Relationship" type="sif:RelationshipType" />
<!-- SchoolName -->
- <xs:simpleType name="SchoolNameType">
  <xs:restriction base="xs:normalizedString" />
</xs:simpleType>
<xs:element name="SchoolName" type="sif:SchoolNameType" />
<!-- SchoolYear -->
- <xs:simpleType name="SchoolYearType">
  <xs:restriction base="xs:gYear" />
</xs:simpleType>
<xs:element name="SchoolYear" type="sif:SchoolYearType" />
<!-- SIF_ExtendedElements -->
- <xs:complexType name="SIF_ExtendedElementsType">
- <xs:sequence>
  - <xs:element name="SIF_ExtendedElement" minOccurs="0"
    maxOccurs="unbounded">
  - <xs:complexType>
  - <xs:complexContent>
    - <xs:extension base="sif:ExtendedContentType">
      <xs:attribute name="Name" use="required"
        type="xs:normalizedString" />

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    <!-- <xs:attribute ref="xsi:type" use="optional" /> -->
  - <xs:attribute name="SIF_Action" use="optional">
    - <xs:simpleType>
      - <xs:restriction base="xs:token">
        <xs:enumeration value="Delete" />
      </xs:restriction>
    </xs:simpleType>
  </xs:attribute>
</xs:extension>
</xs:complexContent>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
- <xs:element name="SIF_ExtendedElements"
  type="sif:SIF_ExtendedElementsType">
  - <xs:unique name="SIF_ExtendedElementsKey1">
    <xs:selector xpath="./sif:SIF_ExtendedElement" />
    <xs:field xpath="@Name" />
  </xs:unique>
</xs:element>
<!-- SCEDCode -->
- <xs:complexType name="SCEDCodeType">
  - <xs:sequence>
    <xs:element name="CourseDescription" minOccurs="0"
      type="sif:SCEDCourseTitlesType" />
    - <xs:element name="CourseLevel" minOccurs="0">
      - <xs:simpleType>
        - <xs:restriction base="xs:token">
          <xs:enumeration value="B" />
          <xs:enumeration value="G" />
          <xs:enumeration value="E" />
          <xs:enumeration value="H" />
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    - <xs:element name="AvailableCredit" minOccurs="0">
      - <xs:simpleType>
        - <xs:restriction base="xs:decimal">
          <xs:minInclusive value="0"
            xmlns:xs="http://www.w3.org/2001/XMLSchema" />
          <xs:fractionDigits value="2"
            xmlns:xs="http://www.w3.org/2001/XMLSchema" />
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    - <xs:element name="SequenceNumber" minOccurs="0">
      - <xs:simpleType>
        - <xs:restriction base="xs:unsignedInt">
          <xs:minInclusive value="1"
            xmlns:xs="http://www.w3.org/2001/XMLSchema" />
          <xs:maxInclusive value="9"

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        xmlns:xs="http://www.w3.org/2001/XMLSchema" />
    </xs:restriction>
</xs:simpleType>
</xs:element>
- <xs:element name="SequenceLimit" minOccurs="0">
- <xs:simpleType>
- <xs:restriction base="xs:unsignedInt">
    <xs:minInclusive value="1"
        xmlns:xs="http://www.w3.org/2001/XMLSchema" />
    <xs:maxInclusive value="9"
        xmlns:xs="http://www.w3.org/2001/XMLSchema" />
    </xs:restriction>
</xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:element name="SCEDCode" type="sif:SCEDCodeType" />
<!-- StateProvinceId -->
- <xs:simpleType name="StateProvinceIdType">
    <xs:restriction base="xs:normalizedString" />
</xs:simpleType>
<xs:element name="StateProvinceId" type="sif:StateProvinceIdType" />
<!-- SubjectArea -->
- <xs:complexType name="SubjectAreaType">
- <xs:sequence>
- <xs:element name="Code" minOccurs="0">
- <xs:simpleType>
- <xs:union>
- <xs:simpleType>
    <xs:restriction base="sif:SCEDSecondaryCoursesType" />
</xs:simpleType>
- <xs:simpleType>
    <xs:restriction
        base="sif:SCEDNonSecondaryCoursesType" />
</xs:simpleType>
</xs:union>
</xs:simpleType>
</xs:element>
<xs:element name="OtherCodeList" minOccurs="0" nillable="true"
    type="sif:OtherCodeListType" />
</xs:sequence>
</xs:complexType>
<xs:element name="SubjectArea" type="sif:SubjectAreaType" />
<!-- OtherCodeList -->
- <xs:complexType name="OtherCodeListType">
- <xs:sequence>
- <xs:element name="OtherCode" minOccurs="0" maxOccurs="unbounded">
- <xs:complexType>
- <xs:simpleContent>
- <xs:extension base="xs:token">
- <xs:attribute name="Codeset" use="required">
- <xs:simpleType>

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- <xs:restriction base="xs:token">
  <xs:enumeration value="StateProvince" />
  <xs:enumeration value="Local" />
  <xs:enumeration value="Other" />
  <xs:enumeration value="Text" />
</xs:restriction>
</xs:simpleType>
</xs:attribute>
</xs:extension>
</xs:simpleContent>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:element name="OtherCodeList" type="sif:OtherCodeListType" />
<!-- MealStatus -->
- <xs:complexType name="MealStatusType">
- <xs:sequence>
  <xs:element name="StartDate" minOccurs="0" nillable="true"
    type="xs:date" />
  <xs:element name="EndDate" minOccurs="0" nillable="true"
    type="xs:date" />
  <xs:element name="SchoolYear" minOccurs="0" nillable="true"
    type="sif:SchoolYearType" />
</xs:sequence>
- <xs:attribute name="Type" use="required">
- <xs:simpleType>
  - <xs:restriction base="xs:token">
    <xs:enumeration value="Free" />
    <xs:enumeration value="Reduced" />
    <xs:enumeration value="None" />
    <xs:enumeration value="NA" />
  </xs:restriction>
</xs:simpleType>
</xs:attribute>
</xs:complexType>
<xs:element name="MealStatus" type="sif:MealStatusType" />
<!-- EarnedStatus -->
- <xs:complexType name="EarnedStatusType">
- <xs:sequence>
  <xs:element name="StartDate" minOccurs="0" nillable="true"
    type="xs:date" />
  <xs:element name="EndDate" minOccurs="0" nillable="true"
    type="xs:date" />
</xs:sequence>
- <xs:attribute name="Type" use="required">
- <xs:simpleType>
  - <xs:restriction base="xs:token">
    <xs:enumeration value="Yes" />
    <xs:enumeration value="No" />
    <xs:enumeration value="NA" />
  </xs:restriction>

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    </xs:simpleType>
  </xs:attribute>
</xs:complexType>
<xs:element name="EarnedStatus" type="sif:EarnedStatusType" />
<!-- MealType -->
- <xs:simpleType name="MealTypeType">
- <xs:restriction base="xs:token">
  <xs:enumeration value="FirstMeal" />
  <xs:enumeration value="SecondMeal" />
  <xs:enumeration value="StaffMeal" />
  <xs:enumeration value="AdultMeal" />
  <xs:enumeration value="AlaCarte" />
</xs:restriction>
</xs:simpleType>
<xs:element name="MealType" type="sif:MealTypeType" />
<!-- DataModelTaskForce -->
<!-- SIF_Metadata -->
- <xs:complexType name="SIF_MetadataType">
- <xs:sequence>
- <xs:element name="TimeElements" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
  <xs:element ref="sif:TimeElement" minOccurs="0"
    maxOccurs="unbounded" />
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="LifeCycle" minOccurs="0" nillable="true"
  type="sif:LifeCycleType" />
- <xs:element name="RightsElements" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
  <xs:element ref="sif:RightsElement" minOccurs="0"
    maxOccurs="unbounded" />
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="EducationFilter" minOccurs="0" nillable="true"
  type="sif:EducationFilterType" />
</xs:sequence>
</xs:complexType>
<xs:element name="SIF_Metadata" type="sif:SIF_MetadataType" />
<!-- TimeElement -->
- <xs:complexType name="TimeElementType">
- <xs:sequence>
  <xs:element name="Type" minOccurs="0" type="xs:normalizedString" />
  <xs:element name="Code" minOccurs="0" type="xs:token" />
  <xs:element name="Name" minOccurs="0" type="xs:normalizedString" />
  <xs:element name="Value" minOccurs="0" type="xs:normalizedString" />
  <xs:element name="StartDateTime" minOccurs="0" nillable="true"
    type="xs:dateTime" />
  <xs:element name="EndDateTime" minOccurs="0" nillable="true"

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type="xs:dateTime" />
- <xs:element name="SpanGaps" minOccurs="0" nillable="true">
  - <xs:complexType>
    - <xs:sequence>
      - <xs:element name="SpanGap" minOccurs="0"
        maxOccurs="unbounded">
        - <xs:complexType>
          - <xs:sequence>
            <xs:element name="Type" minOccurs="0"
              type="xs:normalizedString" />
            <xs:element name="Code" minOccurs="0"
              type="xs:token" />
            <xs:element name="Name" minOccurs="0"
              type="xs:normalizedString" />
            <xs:element name="Value" minOccurs="0"
              type="xs:normalizedString" />
            <xs:element name="StartDateTime" minOccurs="0"
              nillable="true" type="xs:dateTime" />
            <xs:element name="EndDateTime" minOccurs="0"
              nillable="true" type="xs:dateTime" />
          </xs:sequence>
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
  <xs:element name="IsCurrent" minOccurs="0" type="xs:boolean" />
</xs:sequence>
</xs:complexType>
<xs:element name="TimeElement" type="sif:TimeElementType" />
<!-- LifeCycle -->
- <xs:complexType name="LifeCycleType">
  - <xs:sequence>
    - <xs:element name="Created" minOccurs="0" nillable="true">
      - <xs:complexType>
        - <xs:sequence>
          <xs:element name="DateTime" minOccurs="0"
            type="xs:dateTime" />
          - <xs:element name="Creators" minOccurs="0" nillable="true">
            - <xs:complexType>
              - <xs:sequence>
                - <xs:element name="Creator" minOccurs="0"
                  maxOccurs="unbounded">
                  - <xs:complexType>
                    - <xs:sequence>
                      <xs:element name="Name" minOccurs="0"
                        type="xs:normalizedString" />
                      <xs:element name="ID" minOccurs="0"
                        type="xs:normalizedString" />
                    </xs:sequence>
                  </xs:complexType>
                </xs:element>
              </xs:sequence>
            </xs:complexType>
          </xs:element>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
  </xs:sequence>

```



```

        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
- <xs:element name="ModificationHistory" minOccurs="0" nillable="true">
  - <xs:complexType>
    - <xs:sequence>
      - <xs:element name="Modified" minOccurs="0"
        maxOccurs="unbounded">
        - <xs:complexType>
          - <xs:sequence>
            <xs:element name="By" minOccurs="0"
              type="xs:normalizedString" />
            <xs:element name="DateTime" minOccurs="0"
              type="xs:dateTime" />
            <xs:element name="Description" minOccurs="0"
              nillable="true" type="xs:string" />
          </xs:sequence>
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
- <xs:element name="TimeElements" minOccurs="0" nillable="true">
  - <xs:complexType>
    - <xs:sequence>
      <xs:element ref="sif:TimeElement" minOccurs="0"
        maxOccurs="unbounded" />
    </xs:sequence>
  </xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:element name="LifeCycle" type="sif:LifeCycleType" />
<!-- RightsElement -->
- <xs:complexType name="RightsElementType">
  - <xs:sequence>
    <xs:element name="Cost" minOccurs="0" nillable="true"
      type="xs:boolean" />
    - <xs:element name="FeesForUse" minOccurs="0" nillable="true">
      - <xs:complexType>
        - <xs:sequence>
          - <xs:element name="FeeForUse" minOccurs="0"
            maxOccurs="unbounded">
            - <xs:complexType>
              - <xs:sequence>
                <xs:element name="UseType" minOccurs="0"
                  type="xs:string" />
                <xs:element name="MeteringType" minOccurs="0"
                  type="xs:token" />
                <xs:element name="MeteringURL" minOccurs="0"
                  nillable="true" type="xs:anyURI" />
              </xs:sequence>
            </xs:complexType>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>

```

```

        <xs:element name="PerUseCharge" minOccurs="0"
            nillable="true" type="sif:MonetaryAmountType" />
    </xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="CopyrightStatement" minOccurs="0" nillable="true"
    type="xs:string" />
<xs:element name="TermsOfUse" minOccurs="0" nillable="true"
    type="xs:string" />
</xs:sequence>
</xs:complexType>
<xs:element name="RightsElement" type="sif:RightsElementType" />
<!-- EducationFilter -->
- <xs:complexType name="EducationFilterType">
- <xs:sequence>
- <xs:element name="MediaTypes" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
    <xs:element name="MediaType" minOccurs="0"
        maxOccurs="unbounded" type="xs:token" />
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="GradeLevels" minOccurs="0" nillable="true"
    type="sif:GradeLevelsType" />
- <xs:element name="SubjectAreas" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
    <xs:element ref="sif:SubjectArea" minOccurs="0"
        maxOccurs="unbounded" />
</xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="InterestLevels" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
    <xs:element name="InterestLevel" minOccurs="0"
        maxOccurs="unbounded" type="sif:GradeLevelType" />
</xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="LearningStandardItems" minOccurs="0"
    nillable="true">
- <xs:complexType>
- <xs:sequence>
    <xs:element name="LearningStandardItemRefId"
        minOccurs="0" maxOccurs="unbounded"
        type="sif:IdRefType" />
</xs:sequence>
</xs:complexType>

```

```

</xs:element>
- <xs:element name="BloomsTaxonomyLevels" minOccurs="0"
  nillable="true">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="BloomsTaxonomyLevel" minOccurs="0"
  maxOccurs="unbounded">
- <xs:simpleType>
- <xs:restriction base="xs:token">
  <xs:enumeration value="Knowledge" />
  <xs:enumeration value="Comprehension" />
  <xs:enumeration value="Application" />
  <xs:enumeration value="Analysis" />
  <xs:enumeration value="Synthesis" />
  <xs:enumeration value="Evaluation" />
</xs:restriction>
</xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="MultipleIntelligences" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="MultipleIntelligence" minOccurs="0"
  maxOccurs="unbounded">
- <xs:simpleType>
- <xs:restriction base="xs:token">
  <xs:enumeration value="Linguistic" />
  <xs:enumeration value="Logical-Mathematical" />
  <xs:enumeration value="Spatial" />
  <xs:enumeration value="Musical" />
  <xs:enumeration value="Bodily-Kinesthetic" />
  <xs:enumeration value="Interpersonal" />
  <xs:enumeration value="Intrapersonal" />
  <xs:enumeration value="Naturalist" />
</xs:restriction>
</xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="InstructionalStrategies" minOccurs="0"
  nillable="true">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="InstructionalStrategy" minOccurs="0"
  maxOccurs="unbounded">
- <xs:simpleType>
- <xs:restriction base="xs:token">
  <xs:enumeration value="Lecture" />
  <xs:enumeration value="Online" />

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```

        <xs:enumeration value="Discussion" />
        <xs:enumeration value="Cooperative Group" />
        <xs:enumeration value="Scenario" />
        <xs:enumeration value="Demonstration/Lab" />
        <xs:enumeration value="Self-study" />
        <xs:enumeration value="Problem-Based
            Learning" />
        <xs:enumeration value="Project" />
        <xs:enumeration value="Other" />
    </xs:restriction>
</xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:element name="EducationFilter" type="sif:EducationFilterType" />
<!-- SEAINfo -->
- <xs:complexType name="SEAINfoType">
- <xs:sequence>
    <xs:element name="LocalId" minOccurs="0" nillable="true"
        type="sif:LocalIdType" />
    <xs:element name="NCESId" minOccurs="0" nillable="true"
        type="sif:NCESIdType" />
    <xs:element name="SEAName" minOccurs="0"
        type="xs:normalizedString" />
    <xs:element name="SEAURL" minOccurs="0" nillable="true"
        type="xs:anyURI" />
    <xs:element name="CSSOContact" minOccurs="0"
        type="sif:ContactInfoType" />
- <xs:element name="SEAContactList" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="SEAContact" minOccurs="0"
    maxOccurs="unbounded">
- <xs:complexType>
- <xs:sequence>
    <xs:element name="PublishInDirectory"
        minOccurs="0" nillable="true"
        type="sif:PublishInDirectoryType" />
    <xs:element ref="sif:ContactInfo" minOccurs="0" />
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="PhoneNumberList" minOccurs="0" nillable="true"
    type="sif:PhoneNumberListType">
- <xs:unique name="PhoneNumberListKey3">
    <xs:selector xpath="./sif:PhoneNumber" />
    <xs:field xpath="@Type" />

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```

    </xs:unique>
  </xs:element>
  - <xs:element name="AddressList" minOccurs="0" nillable="true"
    type="sif:AddressListType">
    - <xs:unique name="AddressListKey2">
      <xs:selector xpath="/sif:Address" />
      <xs:field xpath="@Type" />
    </xs:unique>
  </xs:element>
  <xs:element name="OperationalStatus" minOccurs="0" nillable="true"
    type="sif:OperationalStatusType" />
  - <xs:element name="EDENInfo" minOccurs="0" nillable="true">
    - <xs:complexType>
      - <xs:sequence>
        - <xs:element name="FIPSStateCode" minOccurs="0"
          nillable="true">
          - <xs:simpleType>
            - <xs:restriction base="xs:token">
              <xs:pattern value="[0-9]{2}|[A-Z]{2}"
                xmlns:xs="http://www.w3.org/2001/XMLSchema" />
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
        <xs:element name="AgencyIdNumber" minOccurs="0"
          nillable="true" type="xs:normalizedString" />
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
    type="sif:SIF_MetadataType" />
  - <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
    type="sif:SIF_ExtendedElementsType">
    - <xs:unique name="SIF_ExtendedElementsKey2">
      <xs:selector xpath="/sif:SIF_ExtendedElement" />
      <xs:field xpath="@Name" />
    </xs:unique>
  </xs:element>
</xs:sequence>
  <xs:attribute name="RefId" use="required" type="sif:RefIdType" />
</xs:complexType>
- <xs:element name="SEAINfo" type="sif:SEAINfoType">
  - <xs:unique name="SEAINfoKey1">
    <xs:selector xpath="." />
    <xs:field xpath="@RefId" />
  </xs:unique>
</xs:element>
<!-- StudentLEARelationship -->
- <xs:complexType name="StudentLEARelationshipType">
  - <xs:sequence>
    - <xs:element name="MembershipType" minOccurs="0">
      - <xs:simpleType>
        - <xs:restriction base="xs:token">

```

```

    <xs:enumeration value="Home" />
    <xs:enumeration value="Concurrent" />
    <xs:enumeration value="Summer" />
  </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="LEARelationshipType" minOccurs="0"
  type="sif:OrganizationRelationshipType" />
<xs:element name="EntryDate" minOccurs="0" type="xs:date" />
- <xs:element name="EntryType" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
  <xs:element name="Code" minOccurs="0"
    type="sif:NCES0619EntryTypeType" />
  <xs:element name="OtherCodeList" minOccurs="0"
    nillable="true" type="sif:OtherCodeListType" />
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="ExitDate" minOccurs="0" nillable="true"
  type="xs:date" />
- <xs:element name="ExitType" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
  <xs:element name="Code" minOccurs="0"
    type="sif:NCES0644ExitWithdrawalTypeType" />
  <xs:element name="OtherCodeList" minOccurs="0"
    nillable="true" type="sif:OtherCodeListType" />
</xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="ExitStatus" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
  <xs:element name="Code" minOccurs="0"
    type="sif:NCES0643ExitWithdrawalStatusType" />
  <xs:element name="OtherCodeList" minOccurs="0"
    nillable="true" type="sif:OtherCodeListType" />
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="NonResidentAttendReason" minOccurs="0"
  nillable="true"
  type="sif:NCES0599NonResidentAttendanceRationaleType" />
<xs:element name="GradeLevel" minOccurs="0" nillable="true"
  type="sif:GradeLevelType" />
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
  type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
- <xs:unique name="SIF_ExtendedElementsKey3">
  <xs:selector xpath="./sif:SIF_ExtendedElement" />
  <xs:field xpath="@Name" />

```

```

        </xs:unique>
    </xs:element>
</xs:sequence>
<xs:attribute name="RefId" use="required" type="sif:RefIdType" />
<xs:attribute name="StudentPersonalRefId" use="required"
    type="sif:IdRefType" />
<xs:attribute name="LEAInfoRefId" use="required" type="sif:IdRefType" />
<xs:attribute name="SchoolYear" use="required"
    type="sif:SchoolYearType" />
</xs:complexType>
- <xs:element name="StudentLEARelationship"
    type="sif:StudentLEARelationshipType">
    - <xs:unique name="StudentLEARelationshipKey1">
        <xs:selector xpath="." />
        <xs:field xpath="@RefId" />
    </xs:unique>
</xs:element>
<!-- DataWarehouseWorkingGroup -->
<!-- AggregateStatisticInfo -->
- <xs:complexType name="AggregateStatisticInfoType">
    - <xs:sequence>
        <xs:element name="StatisticName" minOccurs="0" type="xs:token" />
        - <xs:element name="CalculationRule" minOccurs="0" nillable="true">
            - <xs:complexType>
                - <xs:simpleContent>
                    - <xs:extension base="xs:string">
                        - <xs:attribute name="Type" use="required">
                            - <xs:simpleType>
                                - <xs:restriction base="xs:token">
                                    <xs:enumeration value="Description" />
                                    <xs:enumeration value="Formula" />
                                    <xs:enumeration value="URL" />
                                </xs:restriction>
                            </xs:simpleType>
                        </xs:attribute>
                    </xs:extension>
                </xs:simpleContent>
            </xs:complexType>
        </xs:element>
        <xs:element name="ApprovalDate" minOccurs="0" nillable="true"
            type="xs:date" />
        <xs:element name="ExpirationDate" minOccurs="0" nillable="true"
            type="xs:date" />
        - <xs:element name="ExclusionRules" minOccurs="0" nillable="true">
            - <xs:complexType>
                - <xs:sequence>
                    - <xs:element name="ExclusionRule" minOccurs="0"
                        maxOccurs="unbounded">
                        - <xs:complexType>
                            - <xs:simpleContent>
                                - <xs:extension base="xs:string">
                                    - <xs:attribute name="Type" use="required">

```

```

- <xs:simpleType>
  - <xs:restriction base="xs:token">
    <xs:enumeration
      value="SampleSize" />
    <xs:enumeration
      value="Description" />
    </xs:restriction>
  </xs:simpleType>
</xs:attribute>
</xs:extension>
</xs:simpleContent>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="Source" minOccurs="0" nillable="true"
  type="xs:token" />
<xs:element name="EffectiveDate" minOccurs="0" nillable="true"
  type="xs:date" />
<xs:element name="DiscontinueDate" minOccurs="0" nillable="true"
  type="xs:date" />
- <xs:element name="Location" minOccurs="0" nillable="true">
  - <xs:complexType>
    - <xs:sequence>
      <xs:element name="LocationName" minOccurs="0"
        nillable="true" type="xs:token" />
      - <xs:element name="LocationRefId" minOccurs="0"
        nillable="true">
        - <xs:complexType>
          - <xs:simpleContent>
            - <xs:extension base="sif:IdRefTypeOrEmpty">
              - <xs:attribute name="SIF_RefObject"
                use="required">
                - <xs:simpleType>
                  - <xs:restriction base="xs:token">
                    <xs:enumeration
                      value="SchoolInfo" />
                    <xs:enumeration value="LEAInfo" />
                    <xs:enumeration value="RoomInfo" />
                  </xs:restriction>
                </xs:simpleType>
              </xs:attribute>
            </xs:extension>
          </xs:simpleContent>
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  - <xs:attribute name="Type" use="required">
  - <xs:simpleType>
    - <xs:restriction base="xs:token">
      <xs:enumeration value="Classroom" />
      <xs:enumeration value="School" />
    </xs:restriction>
  </xs:simpleType>

```



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        <xs:enumeration value="District" />
        <xs:enumeration value="Campus" />
        <xs:enumeration value="IntermediateUnit" />
        <xs:enumeration value="StateEducationAgency" />
    </xs:restriction>
</xs:simpleType>
</xs:attribute>
</xs:complexType>
</xs:element>
- <xs:element name="Measure" minOccurs="0" nillable="true">
- <xs:simpleType>
- <xs:restriction base="xs:token">
    <xs:enumeration value="Count" />
    <xs:enumeration value="Minimum" />
    <xs:enumeration value="Maximum" />
    <xs:enumeration value="Percent" />
    <xs:enumeration value="Mean" />
    <xs:enumeration value="Median" />
    <xs:enumeration value="Mode" />
    <xs:enumeration value="Sum" />
    <xs:enumeration value="StandardDeviation" />
    <xs:enumeration value="UnduplicatedCount" />
    <xs:enumeration value="FTE" />
    <xs:enumeration value="Other" />
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
    type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
    type="sif:SIF_ExtendedElementsType">
- <xs:unique name="SIF_ExtendedElementsKey4">
    <xs:selector xpath="/sif:SIF_ExtendedElement" />
    <xs:field xpath="@Name" />
</xs:unique>
</xs:element>
</xs:sequence>
<xs:attribute name="RefId" use="required" type="sif:RefIdType" />
</xs:complexType>
- <xs:element name="AggregateStatisticInfo"
    type="sif:AggregateStatisticInfoType">
- <xs:unique name="AggregateStatisticInfoKey1">
    <xs:selector xpath="." />
    <xs:field xpath="@RefId" />
</xs:unique>
</xs:element>
<!-- AggregateCharacteristicInfo -->
- <xs:complexType name="AggregateCharacteristicInfoType">
- <xs:sequence>
    <xs:element name="Description" minOccurs="0" nillable="true"
        type="xs:string" />
    <xs:element name="Definition" minOccurs="0" type="xs:token" />

```

```

<xs:element name="ElementName" minOccurs="0" nillable="true"
  type="xs:token" />
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
  type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
  - <xs:unique name="SIF_ExtendedElementsKey5">
    <xs:selector xpath="/sif:SIF_ExtendedElement" />
    <xs:field xpath="@Name" />
  </xs:unique>
</xs:element>
</xs:sequence>
<xs:attribute name="RefId" use="required" type="sif:RefIdType" />
</xs:complexType>
- <xs:element name="AggregateCharacteristicInfo"
  type="sif:AggregateCharacteristicInfoType">
  - <xs:unique name="AggregateCharacteristicInfoKey1">
    <xs:selector xpath="." />
    <xs:field xpath="@RefId" />
  </xs:unique>
</xs:element>
<!-- AggregateStatisticFact -->
- <xs:complexType name="AggregateStatisticFactType">
  - <xs:sequence>
    <xs:element name="AggregateStatisticInfoRefId" minOccurs="0"
      type="sif:IdRefType" />
    - <xs:element name="Characteristics" minOccurs="0">
      - <xs:complexType>
        - <xs:sequence>
          <xs:element name="AggregateCharacteristicInfoRefId"
            minOccurs="0" maxOccurs="unbounded"
            type="sif:IdRefType" />
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    - <xs:element name="Excluded" minOccurs="0" nillable="true">
      - <xs:simpleType>
        - <xs:restriction base="xs:token">
          <xs:enumeration value="Yes" />
          <xs:enumeration value="No" />
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="Value" minOccurs="0" type="xs:decimal" />
    <xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
      type="sif:SIF_MetadataType" />
    - <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
      type="sif:SIF_ExtendedElementsType">
      - <xs:unique name="SIF_ExtendedElementsKey6">
        <xs:selector xpath="/sif:SIF_ExtendedElement" />
        <xs:field xpath="@Name" />
      </xs:unique>
    </xs:element>

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```

    </xs:sequence>
    <xs:attribute name="RefId" use="required" type="sif:RefIdType" />
  </xs:complexType>
- <xs:element name="AggregateStatisticFact"
  type="sif:AggregateStatisticFactType">
- <xs:unique name="AggregateStatisticFactKey1">
  <xs:selector xpath="." />
  <xs:field xpath="@RefId" />
</xs:unique>
</xs:element>
<!-- FoodServicesWorkingGroup -->
<!-- StudentMeal -->
- <xs:complexType name="StudentMealType">
- <xs:sequence>
  <xs:element name="MealStatus" minOccurs="0" nillable="true"
    type="sif:MealStatusType" />
- <xs:element name="HistoricalMealStatus" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
  <xs:element ref="sif:MealStatus" minOccurs="0"
    maxOccurs="unbounded" />
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="LastBreakfastDate" minOccurs="0" nillable="true"
  type="xs:date" />
<xs:element name="LastLunchDate" minOccurs="0" nillable="true"
  type="xs:date" />
- <xs:element name="Amounts" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
  <xs:element name="Amount" minOccurs="0"
    maxOccurs="unbounded" type="sif:FSAmountType" />
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
  type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
- <xs:unique name="SIF_ExtendedElementsKey7">
  <xs:selector xpath="./sif:SIF_ExtendedElement" />
  <xs:field xpath="@Name" />
</xs:unique>
</xs:element>
</xs:sequence>
<xs:attribute name="StudentPersonalRefId" use="required"
  type="sif:IdRefType" />
</xs:complexType>
- <xs:element name="StudentMeal" type="sif:StudentMealType">
- <xs:unique name="StudentMealKey1">
  <xs:selector xpath="." />
  <xs:field xpath="@StudentPersonalRefId" />

```

```

    </xs:unique>
  </xs:element>
  <!-- FoodserviceItem -->
- <xs:complexType name="FoodserviceItemType">
- <xs:sequence>
  <xs:element ref="sif:LocalId" minOccurs="0" />
  <xs:element name="Description" minOccurs="0" nillable="true"
    type="xs:normalizedString" />
  <xs:element name="ElectronicIdList" minOccurs="0" nillable="true"
    type="sif:ElectronicIdListType" />
  <xs:element name="ItemCategory" minOccurs="0" nillable="true"
    type="xs:normalizedString" />
  <xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
    type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
- <xs:unique name="SIF_ExtendedElementsKey8">
  <xs:selector xpath="/sif:SIF_ExtendedElement" />
  <xs:field xpath="@Name" />
  </xs:unique>
  </xs:element>
</xs:sequence>
  <xs:attribute name="RefId" use="required" type="sif:RefIdType" />
</xs:complexType>
- <xs:element name="FoodserviceItem" type="sif:FoodserviceItemType">
- <xs:unique name="FoodserviceItemKey1">
  <xs:selector xpath="." />
  <xs:field xpath="@RefId" />
  </xs:unique>
</xs:element>
  <!-- FoodserviceItemUnit -->
- <xs:complexType name="FoodserviceItemUnitType">
- <xs:sequence>
  <xs:element name="FoodserviceItemRefId" minOccurs="0"
    type="sif:IdRefType" />
  <xs:element name="Description" minOccurs="0" type="xs:string" />
  <xs:element name="MeasureDescriptionCode" minOccurs="0"
    type="xs:normalizedString" />
  <xs:element name="GramWeight" minOccurs="0" type="xs:decimal" />
  <xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
    type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
- <xs:unique name="SIF_ExtendedElementsKey9">
  <xs:selector xpath="/sif:SIF_ExtendedElement" />
  <xs:field xpath="@Name" />
  </xs:unique>
  </xs:element>
</xs:sequence>
  <xs:attribute name="RefId" use="required" type="sif:RefIdType" />
</xs:complexType>
- <xs:element name="FoodserviceItemUnit" type="sif:FoodserviceItemUnitType">
- <xs:unique name="FoodserviceItemUnitKey1">

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```

        <xs:selector xpath="." />
        <xs:field xpath="@RefId" />
    </xs:unique>
</xs:element>
<!-- FoodserviceItemPortion -->
- <xs:complexType name="FoodserviceItemPortionType">
- <xs:sequence>
    <xs:element name="FoodserviceItemUnitRefId" minOccurs="0"
        type="sif:IdRefType" />
    <xs:element name="ItemPortionQuantity" minOccurs="0"
        type="xs:decimal" />
- <xs:element name="ItemPortionType" minOccurs="0">
- <xs:simpleType>
    - <xs:restriction base="xs:token">
        <xs:enumeration value="Component" />
        <xs:enumeration value="Entree" />
        <xs:enumeration value="AlaCarte" />
        <xs:enumeration value="Bonus" />
        <xs:enumeration value="Combo" />
        <xs:enumeration value="NonFood" />
    </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="Description" minOccurs="0" nillable="true"
    type="xs:normalizedString" />
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
    type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
    type="sif:SIF_ExtendedElementsType">
- <xs:unique name="SIF_ExtendedElementsKey10">
    <xs:selector xpath="./sif:SIF_ExtendedElement" />
    <xs:field xpath="@Name" />
</xs:unique>
</xs:element>
</xs:sequence>
<xs:attribute name="RefId" use="required" type="sif:RefIdType" />
</xs:complexType>
- <xs:element name="FoodserviceItemPortion"
    type="sif:FoodserviceItemPortionType">
- <xs:unique name="FoodserviceItemPortionKey1">
    <xs:selector xpath="." />
    <xs:field xpath="@RefId" />
</xs:unique>
</xs:element>
<!-- FoodserviceReimbursementRates -->
- <xs:complexType name="FoodserviceReimbursementRatesType">
- <xs:sequence>
    <xs:element name="SchoolInfoRefId" minOccurs="0"
        type="sif:IdRefType" />
    <xs:element name="StartDate" minOccurs="0" type="xs:date" />
    <xs:element name="EndDate" minOccurs="0" type="xs:date" />
    <xs:element ref="sif:Program" minOccurs="0" />

```

```

- <xs:element name="Agencies" minOccurs="0">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="Agency" minOccurs="0"
  maxOccurs="unbounded">
- <xs:complexType>
- <xs:sequence>
  <xs:element name="Name" minOccurs="0"
    nillable="true" type="xs:normalizedString" />
- <xs:element name="Rates" minOccurs="0">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="Rate" minOccurs="0"
  maxOccurs="unbounded">
- <xs:complexType>
- <xs:sequence>
  <xs:element name="Value"
    minOccurs="0"
    type="xs:decimal" />
  <xs:element
    ref="sif:MealStatus"
    minOccurs="0" />
</xs:sequence>
- <xs:attribute name="SevereNeed"
  use="required">
- <xs:simpleType>
- <xs:restriction
  base="xs:token">
  <xs:enumeration
    value="Yes" />
  <xs:enumeration
    value="No" />
  <xs:enumeration
    value="NA" />
</xs:restriction>
</xs:simpleType>
</xs:attribute>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
- <xs:attribute name="Type" use="required">
- <xs:simpleType>
- <xs:restriction base="xs:token">
  <xs:enumeration value="Federal" />
  <xs:enumeration value="State" />
  <xs:enumeration value="Local" />
  <xs:enumeration value="Other" />
</xs:restriction>
</xs:simpleType>
</xs:attribute>

```

```

        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
  type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
  - <xs:unique name="SIF_ExtendedElementsKey11">
    <xs:selector xpath="/sif:SIF_ExtendedElement" />
    <xs:field xpath="@Name" />
  </xs:unique>
</xs:element>
</xs:sequence>
<xs:attribute name="RefId" use="required" type="sif:RefIdType" />
</xs:complexType>
- <xs:element name="FoodserviceReimbursementRates"
  type="sif:FoodserviceReimbursementRatesType">
  - <xs:unique name="FoodserviceReimbursementRatesKey1">
    <xs:selector xpath="." />
    <xs:field xpath="@RefId" />
  </xs:unique>
</xs:element>
<!-- FoodserviceMealPrices -->
- <xs:complexType name="FoodserviceMealPricesType">
  - <xs:sequence>
    <xs:element name="SchoolInfoRefId" minOccurs="0"
      type="sif:IdRefType" />
    <xs:element ref="sif:Program" minOccurs="0" />
    - <xs:element name="Prices" minOccurs="0">
      - <xs:complexType>
        - <xs:sequence>
          - <xs:element name="Price" minOccurs="0"
            maxOccurs="unbounded">
            - <xs:complexType>
              - <xs:sequence>
                <xs:element name="Value" minOccurs="0"
                  type="sif:MonetaryAmountType" />
                <xs:element ref="sif:MealStatus" minOccurs="0" />
                <xs:element ref="sif:MealType" minOccurs="0" />
                <xs:element ref="sif:GradeLevels" minOccurs="0" />
              </xs:sequence>
            </xs:complexType>
          </xs:element>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
      type="sif:SIF_MetadataType" />
  - <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
    type="sif:SIF_ExtendedElementsType">

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```

- <xs:unique name="SIF_ExtendedElementsKey12">
  <xs:selector xpath="/sif:SIF_ExtendedElement" />
  <xs:field xpath="@Name" />
</xs:unique>
</xs:element>
</xs:sequence>
<xs:attribute name="RefId" use="required" type="sif:RefIdType" />
</xs:complexType>
- <xs:element name="FoodserviceMealPrices"
  type="sif:FoodserviceMealPricesType">
- <xs:unique name="FoodserviceMealPricesKey1">
  <xs:selector xpath="." />
  <xs:field xpath="@RefId" />
</xs:unique>
</xs:element>
<!-- StaffMeal -->
- <xs:complexType name="StaffMealType">
- <xs:sequence>
  <xs:element ref="sif:EarnedStatus" minOccurs="0" />
  <xs:element name="LastBreakfastDate" minOccurs="0" type="xs:date" />
  <xs:element name="LastLunchDate" minOccurs="0" type="xs:date" />
- <xs:element name="Amounts" minOccurs="0">
- <xs:complexType>
- <xs:sequence>
  <xs:element name="Amount" minOccurs="0"
    maxOccurs="unbounded" type="sif:FSAmountType" />
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
  type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
- <xs:unique name="SIF_ExtendedElementsKey13">
  <xs:selector xpath="/sif:SIF_ExtendedElement" />
  <xs:field xpath="@Name" />
</xs:unique>
</xs:element>
</xs:sequence>
<xs:attribute name="StaffPersonalRefId" use="required"
  type="sif:IdRefType" />
</xs:complexType>
- <xs:element name="StaffMeal" type="sif:StaffMealType">
- <xs:unique name="StaffMealKey1">
  <xs:selector xpath="." />
  <xs:field xpath="@StaffPersonalRefId" />
</xs:unique>
</xs:element>
<!-- FoodserviceTransaction -->
- <xs:complexType name="FoodserviceTransactionType">
- <xs:sequence>
  <xs:element name="SchoolInfoRefId" minOccurs="0"

```



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type="sif:IdRefType" />
  <xs:element ref="sif:Program" minOccurs="0" />
  <xs:element name="TransactionDate" minOccurs="0" type="xs:date" />
  <xs:element name="TransactionTime" minOccurs="0" type="xs:time" />
- <xs:element name="TransactionTypes" minOccurs="0">
  - <xs:complexType>
    - <xs:sequence>
      - <xs:element name="TransactionType" minOccurs="0"
        maxOccurs="unbounded">
        - <xs:simpleType>
          - <xs:restriction base="xs:token">
            <xs:enumeration value="Purchase" />
            <xs:enumeration value="Prepayment" />
            <xs:enumeration value="Refund" />
            <xs:enumeration value="Repayment" />
            <xs:enumeration value="Adjustment" />
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
- <xs:element name="Customer" minOccurs="0">
  - <xs:complexType>
    - <xs:sequence>
      <xs:element name="MealStatus" minOccurs="0" nillable="true"
        type="sif:MealStatusType" />
      <xs:element name="EarnedStatus" minOccurs="0" nillable="true"
        type="sif:EarnedStatusType" />
    </xs:sequence>
    <xs:attribute name="SIF_RefId" use="required"
      type="sif:IdRefType" />
  - <xs:attribute name="SIF_RefObject" use="required">
    - <xs:simpleType>
      - <xs:restriction base="xs:token">
        <xs:enumeration value="StudentPersonal" />
        <xs:enumeration value="StaffPersonal" />
      </xs:restriction>
    </xs:simpleType>
  </xs:attribute>
</xs:complexType>
</xs:element>
<xs:element name="Amount" minOccurs="0" type="sif:FSAmountType" />
<xs:element name="Tax" minOccurs="0" nillable="true"
  type="sif:MonetaryAmountType" />
<xs:element name="Description" minOccurs="0" nillable="true"
  type="xs:string" />
- <xs:element name="Voided" minOccurs="0">
  - <xs:simpleType>
    - <xs:restriction base="xs:token">
      <xs:enumeration value="Yes" />
      <xs:enumeration value="No" />
    </xs:restriction>
  </xs:simpleType>

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        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
    type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
    type="sif:SIF_ExtendedElementsType">
- <xs:unique name="SIF_ExtendedElementsKey14">
    <xs:selector xpath="/sif:SIF_ExtendedElement" />
    <xs:field xpath="@Name" />
</xs:unique>
</xs:element>
</xs:sequence>
<xs:attribute name="RefId" use="required" type="sif:RefIdType" />
</xs:complexType>
- <xs:element name="FoodserviceTransaction"
    type="sif:FoodserviceTransactionType">
- <xs:unique name="FoodserviceTransactionKey1">
    <xs:selector xpath="." />
    <xs:field xpath="@RefId" />
</xs:unique>
</xs:element>
<!-- FoodserviceTransactionDetails -->
- <xs:complexType name="FoodserviceTransactionDetailsType">
- <xs:sequence>
    <xs:element name="FoodserviceTransactionRefId" minOccurs="0"
        type="sif:IdRefType" />
- <xs:element name="Amounts" minOccurs="0">
- <xs:complexType>
- <xs:sequence>
    <xs:element name="Amount" minOccurs="0"
        maxOccurs="unbounded" type="sif:FSAmountType" />
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="Description" minOccurs="0" nillable="true"
    type="xs:string" />
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
    type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
    type="sif:SIF_ExtendedElementsType">
- <xs:unique name="SIF_ExtendedElementsKey15">
    <xs:selector xpath="/sif:SIF_ExtendedElement" />
    <xs:field xpath="@Name" />
</xs:unique>
</xs:element>
</xs:sequence>
<xs:attribute name="RefId" use="required" type="sif:RefIdType" />
</xs:complexType>
- <xs:element name="FoodserviceTransactionDetails"
    type="sif:FoodserviceTransactionDetailsType">
- <xs:unique name="FoodserviceTransactionDetailsKey1">
    <xs:selector xpath="." />

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    <xs:field xpath="@RefId" />
  </xs:unique>
</xs:element>
<!-- FoodserviceTransactionPayMethod -->
- <xs:complexType name="FoodserviceTransactionPayMethodType">
- <xs:sequence>
  <xs:element name="FoodserviceTransactionRefId" minOccurs="0"
    type="sif:IdRefType" />
  - <xs:element name="TransactionPayMethods" minOccurs="0">
  - <xs:complexType>
  - <xs:sequence>
    - <xs:element name="TransactionPayMethod" minOccurs="0"
      maxOccurs="unbounded">
    - <xs:complexType>
    - <xs:sequence>
      - <xs:element name="Amounts" minOccurs="0">
      - <xs:complexType>
      - <xs:sequence>
        <xs:element name="Amount"
          minOccurs="0" maxOccurs="unbounded"
          type="sif:FSAmountType" />
        </xs:sequence>
      </xs:complexType>
      </xs:element>
    </xs:sequence>
  - <xs:attribute name="Type" use="required">
  - <xs:simpleType>
    - <xs:restriction base="xs:token">
      <xs:enumeration value="Payment" />
      <xs:enumeration value="Refund" />
      <xs:enumeration value="Charge" />
      <xs:enumeration value="Usage" />
    </xs:restriction>
  </xs:simpleType>
  </xs:attribute>
  </xs:complexType>
  </xs:element>
  </xs:sequence>
  </xs:complexType>
</xs:element>
  <xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
    type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
- <xs:unique name="SIF_ExtendedElementsKey16">
  <xs:selector xpath="./sif:SIF_ExtendedElement" />
  <xs:field xpath="@Name" />
</xs:unique>
</xs:element>
</xs:sequence>
  <xs:attribute name="RefId" use="required" type="sif:RefIdType" />
</xs:complexType>

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- <xs:element name="FoodserviceTransactionPayMethod"
  type="sif:FoodserviceTransactionPayMethodType">
- <xs:unique name="FoodserviceTransactionPayMethodKey1">
  <xs:selector xpath="." />
  <xs:field xpath="@RefId" />
</xs:unique>
</xs:element>
<!-- FoodserviceSales -->
- <xs:complexType name="FoodserviceSalesType">
- <xs:sequence>
  <xs:element name="SchoolInfoRefId" minOccurs="0"
    type="sif:IdRefType" />
  <xs:element name="Date" minOccurs="0" type="xs:date" />
  <xs:element ref="sif:Program" minOccurs="0" />
- <xs:element name="SalesAmounts" minOccurs="0">
  - <xs:complexType>
  - <xs:sequence>
    - <xs:element name="SalesAmount" minOccurs="0"
      maxOccurs="unbounded">
    - <xs:complexType>
    - <xs:simpleContent>
      - <xs:extension base="sif:MonetaryAmountType">
        - <xs:attribute name="Type" use="required">
        - <xs:simpleType>
          - <xs:restriction base="xs:token">
            <xs:enumeration value="Cash" />
            <xs:enumeration value="Account" />
            <xs:enumeration value="Charged" />
            <xs:enumeration value="Earned" />
          </xs:restriction>
        </xs:simpleType>
      </xs:attribute>
      - <xs:attribute name="AccountType"
        use="required">
      - <xs:simpleType>
        - <xs:restriction base="xs:token">
          <xs:enumeration
            value="PrepaidCash" />
          <xs:enumeration
            value="BreakfastCredit" />
          <xs:enumeration
            value="LunchCredit" />
          <xs:enumeration value="NA" />
        </xs:restriction>
      </xs:simpleType>
    </xs:attribute>
  </xs:extension>
  </xs:simpleContent>
  </xs:complexType>
  </xs:element>
</xs:sequence>
</xs:complexType>

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</xs:element>
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
  type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
  - <xs:unique name="SIF_ExtendedElementsKey17">
    <xs:selector xpath="/sif:SIF_ExtendedElement" />
    <xs:field xpath="@Name" />
  </xs:unique>
</xs:element>
</xs:sequence>
<xs:attribute name="RefId" use="required" type="sif:RefIdType" />
</xs:complexType>
- <xs:element name="FoodserviceSales" type="sif:FoodserviceSalesType">
  - <xs:unique name="FoodserviceSalesKey1">
    <xs:selector xpath="." />
    <xs:field xpath="@RefId" />
  </xs:unique>
</xs:element>
<!-- FoodserviceItemSales -->
- <xs:complexType name="FoodserviceItemSalesType">
  - <xs:sequence>
    <xs:element name="SchoolInfoRefId" minOccurs="0"
      type="sif:IdRefType" />
    <xs:element name="Date" minOccurs="0" type="xs:date" />
    <xs:element ref="sif:Program" minOccurs="0" />
    - <xs:element name="ItemQuantities" minOccurs="0">
      - <xs:complexType>
        - <xs:sequence>
          - <xs:element name="ItemQuantity" minOccurs="0"
            maxOccurs="unbounded">
            - <xs:complexType>
              - <xs:sequence>
                <xs:element name="Value" minOccurs="0"
                  type="xs:decimal" />
                <xs:element ref="sif:MealType" minOccurs="0" />
                <xs:element ref="sif:GradeLevels" minOccurs="0" />
                <xs:element name="Cost" minOccurs="0"
                  nillable="true" type="sif:MonetaryAmountType" />
              </xs:sequence>
            <xs:attribute name="FoodserviceItemPortionRefId"
              use="required" type="sif:IdRefType" />
            </xs:complexType>
          </xs:element>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
  type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
  - <xs:unique name="SIF_ExtendedElementsKey18">
    <xs:selector xpath="/sif:SIF_ExtendedElement" />

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        <xs:field xpath="@Name" />
    </xs:unique>
</xs:element>
</xs:sequence>
<xs:attribute name="RefId" use="required" type="sif:RefIdType" />
</xs:complexType>
- <xs:element name="FoodserviceItemSales"
  type="sif:FoodserviceItemSalesType">
  - <xs:unique name="FoodserviceItemSalesKey1">
    <xs:selector xpath="." />
    <xs:field xpath="@RefId" />
  </xs:unique>
</xs:element>
<!-- FoodserviceMenuPlan -->
- <xs:complexType name="FoodserviceMenuPlanType">
  - <xs:sequence>
    <xs:element name="SchoolInfoRefId" minOccurs="0"
      type="sif:IdRefType" />
    <xs:element ref="sif:GradeLevels" minOccurs="0" />
    <xs:element name="MenuPlanDate" minOccurs="0" type="xs:date" />
    <xs:element ref="sif:Program" minOccurs="0" />
    <xs:element name="Description" minOccurs="0" nillable="true"
      type="xs:string" />
    <xs:element name="ProjectedParticipation" minOccurs="0"
      type="xs:string" />
  - <xs:element name="MenuPlanQuantities" minOccurs="0">
    - <xs:complexType>
      - <xs:sequence>
        - <xs:element name="MenuPlanQuantity" minOccurs="0"
          maxOccurs="unbounded">
          - <xs:complexType>
            - <xs:simpleContent>
              - <xs:extension base="sif:XSDecimalOrEmpty">
                <xs:attribute
                  name="FoodserviceItemPortionRefId"
                  use="required" type="sif:IdRefType" />
              - <xs:attribute name="MenuCategory"
                use="required">
                - <xs:simpleType>
                  - <xs:restriction base="xs:token">
                    <xs:enumeration
                      value="ActualMeal" />
                    <xs:enumeration
                      value="ProjectedMeal" />
                    <xs:enumeration
                      value="ActualAlaCarte" />
                    <xs:enumeration
                      value="ProjectedAlaCarte" />
                    <xs:enumeration value="Produced" />
                    <xs:enumeration value="LeftOver" />
                    <xs:enumeration value="Wasted" />
                  </xs:restriction>
                </xs:simpleType>

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        </xs:attribute>
      </xs:extension>
    </xs:simpleContent>
  </xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
  type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
  - <xs:unique name="SIF_ExtendedElementsKey19">
    <xs:selector xpath="/sif:SIF_ExtendedElement" />
    <xs:field xpath="@Name" />
  </xs:unique>
</xs:element>
</xs:sequence>
<xs:attribute name="RefId" use="required" type="sif:RefIdType" />
</xs:complexType>
- <xs:element name="FoodserviceMenuPlan"
  type="sif:FoodserviceMenuPlanType">
  - <xs:unique name="FoodserviceMenuPlanKey1">
    <xs:selector xpath="." />
    <xs:field xpath="@RefId" />
  </xs:unique>
</xs:element>
<!-- FoodserviceMilkSales -->
- <xs:complexType name="FoodserviceMilkSalesType">
  - <xs:sequence>
    <xs:element name="SchoolInfoRefId" minOccurs="0"
      type="sif:IdRefType" />
    <xs:element name="Date" minOccurs="0" type="xs:date" />
    <xs:element ref="sif:Program" minOccurs="0" />
    - <xs:element name="SaleQuantities" minOccurs="0">
      - <xs:complexType>
        - <xs:sequence>
          - <xs:element name="SaleQuantity" minOccurs="0"
            maxOccurs="unbounded">
            - <xs:complexType>
              - <xs:sequence>
                <xs:element name="Value" minOccurs="0"
                  type="xs:decimal" />
                <xs:element ref="sif:MealStatus" minOccurs="0" />
                <xs:element name="SaleUnit" minOccurs="0"
                  type="xs:normalizedString" />
                <xs:element name="ChargeToChild" minOccurs="0"
                  type="sif:MonetaryAmountType" />
              </xs:sequence>
            </xs:complexType>
          </xs:element>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
  </xs:sequence>

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    </xs:complexType>
  </xs:element>
  <xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
    type="sif:SIF_MetadataType" />
  - <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
    type="sif:SIF_ExtendedElementsType">
    - <xs:unique name="SIF_ExtendedElementsKey20">
      <xs:selector xpath="./sif:SIF_ExtendedElement" />
      <xs:field xpath="@Name" />
    </xs:unique>
  </xs:element>
</xs:sequence>
  <xs:attribute name="RefId" use="required" type="sif:RefIdType" />
</xs:complexType>
- <xs:element name="FoodserviceMilkSales" type="sif:FoodserviceMilkSalesType">
  - <xs:unique name="FoodserviceMilkSalesKey1">
    <xs:selector xpath="." />
    <xs:field xpath="@RefId" />
  </xs:unique>
</xs:element>
<!-- FoodservicePurchaseTransaction -->
- <xs:complexType name="FoodservicePurchaseTransactionType">
  - <xs:sequence>
    <xs:element name="FoodserviceTransactionRefId" minOccurs="0"
      type="sif:IdRefType" />
    - <xs:element name="PurchaseQuantities" minOccurs="0">
      - <xs:complexType>
        - <xs:sequence>
          - <xs:element name="PurchaseQuantity" minOccurs="0"
            maxOccurs="unbounded">
            - <xs:complexType>
              - <xs:sequence>
                <xs:element ref="sif:MealType" minOccurs="0" />
                <xs:element name="Value" minOccurs="0"
                  type="xs:decimal" />
              </xs:sequence>
                <xs:attribute name="FoodserviceItemPortionRefId"
                  use="required" type="sif:IdRefType" />
              - <xs:attribute name="Earned" use="required">
                - <xs:simpleType>
                  - <xs:restriction base="xs:token">
                    <xs:enumeration value="Yes" />
                    <xs:enumeration value="No" />
                  </xs:restriction>
                </xs:simpleType>
              </xs:attribute>
            </xs:complexType>
          </xs:element>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
</xs:element>
  <xs:element name="SIF_Metadata" minOccurs="0" nillable="true"

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type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
  - <xs:unique name="SIF_ExtendedElementsKey21">
    <xs:selector xpath="/sif:SIF_ExtendedElement" />
    <xs:field xpath="@Name" />
  </xs:unique>
</xs:element>
</xs:sequence>
<xs:attribute name="RefId" use="required" type="sif:RefIdType" />
</xs:complexType>
- <xs:element name="FoodservicePurchaseTransaction"
  type="sif:FoodservicePurchaseTransactionType">
  - <xs:unique name="FoodservicePurchaseTransactionKey1">
    <xs:selector xpath="." />
    <xs:field xpath="@RefId" />
  </xs:unique>
</xs:element>
<!-- FoodserviceStaffEnrollmentCount -->
- <xs:complexType name="FoodserviceStaffEnrollmentCountType">
  - <xs:sequence>
    <xs:element ref="sif:Program" minOccurs="0" />
    - <xs:element name="Counts" minOccurs="0">
      - <xs:complexType>
        - <xs:sequence>
          <xs:element name="Count" minOccurs="0"
            maxOccurs="unbounded" type="sif:FSCountType" />
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
      type="sif:SIF_MetadataType" />
    - <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
      type="sif:SIF_ExtendedElementsType">
      - <xs:unique name="SIF_ExtendedElementsKey22">
        <xs:selector xpath="/sif:SIF_ExtendedElement" />
        <xs:field xpath="@Name" />
      </xs:unique>
    </xs:element>
  </xs:sequence>
  <xs:attribute name="SchoolInfoRefId" use="required" type="sif:IdRefType" />
  <xs:attribute name="Date" use="required" type="xs:date" />
</xs:complexType>
- <xs:element name="FoodserviceStaffEnrollmentCount"
  type="sif:FoodserviceStaffEnrollmentCountType">
  - <xs:unique name="FoodserviceStaffEnrollmentCountKey1">
    <xs:selector xpath="." />
    <xs:field xpath="@SchoolInfoRefId" />
  </xs:unique>
</xs:element>
<!-- FoodserviceStaffMealCounts -->
- <xs:complexType name="FoodserviceStaffMealCountsType">

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- <xs:sequence>
  <xs:element name="SchoolInfoRefId" minOccurs="0"
    type="sif:IdRefType" />
  <xs:element name="Date" minOccurs="0" type="xs:date" />
  <xs:element ref="sif:Program" minOccurs="0" />
- <xs:element name="Counts" minOccurs="0">
  - <xs:complexType>
    - <xs:sequence>
      <xs:element name="Count" minOccurs="0"
        maxOccurs="unbounded" type="sif:FSCountType" />
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
  type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
  - <xs:unique name="SIF_ExtendedElementsKey23">
    <xs:selector xpath="/sif:SIF_ExtendedElement" />
    <xs:field xpath="@Name" />
  </xs:unique>
</xs:element>
</xs:sequence>
<xs:attribute name="RefId" use="required" type="sif:RefIdType" />
</xs:complexType>
- <xs:element name="FoodserviceStaffMealCounts"
  type="sif:FoodserviceStaffMealCountsType">
  - <xs:unique name="FoodserviceStaffMealCountsKey1">
    <xs:selector xpath="." />
    <xs:field xpath="@RefId" />
  </xs:unique>
</xs:element>
<!-- FoodserviceStudentEnrollmentCount -->
- <xs:complexType name="FoodserviceStudentEnrollmentCountType">
- <xs:sequence>
  <xs:element ref="sif:Program" minOccurs="0" />
  - <xs:element name="Counts" minOccurs="0">
    - <xs:complexType>
      - <xs:sequence>
        <xs:element name="Count" minOccurs="0"
          maxOccurs="unbounded" type="sif:FSCountType" />
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
    type="sif:SIF_MetadataType" />
  - <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
    type="sif:SIF_ExtendedElementsType">
    - <xs:unique name="SIF_ExtendedElementsKey24">
      <xs:selector xpath="/sif:SIF_ExtendedElement" />
      <xs:field xpath="@Name" />
    </xs:unique>

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    </xs:element>
  </xs:sequence>
  <xs:attribute name="SchoolInfoRefId" use="required" type="sif:IdRefType" />
  <xs:attribute name="Date" use="required" type="xs:date" />
</xs:complexType>
- <xs:element name="FoodserviceStudentEnrollmentCount"
  type="sif:FoodserviceStudentEnrollmentCountType">
- <xs:unique name="FoodserviceStudentEnrollmentCountKey1">
  <xs:selector xpath="." />
  <xs:field xpath="@SchoolInfoRefId" />
</xs:unique>
</xs:element>
<!-- FoodserviceStudentMealCounts -->
- <xs:complexType name="FoodserviceStudentMealCountsType">
- <xs:sequence>
  <xs:element name="SchoolInfoRefId" minOccurs="0"
    type="sif:IdRefType" />
  <xs:element name="Date" minOccurs="0" type="xs:date" />
  <xs:element ref="sif:Program" minOccurs="0" />
- <xs:element name="Counts" minOccurs="0">
- <xs:complexType>
- <xs:sequence>
  <xs:element name="Count" minOccurs="0"
    maxOccurs="unbounded" type="sif:FSCountType" />
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
  type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
- <xs:unique name="SIF_ExtendedElementsKey25">
  <xs:selector xpath="./sif:SIF_ExtendedElement" />
  <xs:field xpath="@Name" />
</xs:unique>
</xs:element>
</xs:sequence>
<xs:attribute name="RefId" use="required" type="sif:RefIdType" />
</xs:complexType>
- <xs:element name="FoodserviceStudentMealCounts"
  type="sif:FoodserviceStudentMealCountsType">
- <xs:unique name="FoodserviceStudentMealCountsKey1">
  <xs:selector xpath="." />
  <xs:field xpath="@RefId" />
</xs:unique>
</xs:element>
<!-- StudentRecordExchangeTaskForce -->
<!-- StudentRecordExchange -->
- <xs:complexType name="StudentRecordExchangeType">
- <xs:sequence>
  <xs:element name="StateProvinceId" minOccurs="0" nillable="true"
    type="sif:StateProvinceIdType" />

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<xs:element name="LocalId" minOccurs="0" nillable="true"
  type="sif:LocalIdType" />
<xs:element name="StudentPersonalRefId" minOccurs="0" nillable="true"
  type="sif:IdRefType" />
- <xs:element name="Records" minOccurs="0">
  - <xs:complexType>
    - <xs:sequence>
      <xs:element name="StudentDemographicRecordRefId"
        minOccurs="0" type="sif:IdRefType" />
      <xs:element name="StudentAcademicRecordRefId"
        minOccurs="0" nillable="true" type="sif:IdRefType" />
      <xs:element name="StudentSpecialEducationRecordRefId"
        minOccurs="0" nillable="true" type="sif:IdRefType" />
      - <xs:element name="OtherRecords" minOccurs="0"
        nillable="true">
        - <xs:complexType>
          - <xs:sequence>
            <xs:element name="StudentRecordPackageRefId"
              minOccurs="0" maxOccurs="unbounded"
              type="sif:IdRefType" />
          </xs:sequence>
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
  type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
  - <xs:unique name="SIF_ExtendedElementsKey26">
    <xs:selector xpath="/sif:SIF_ExtendedElement" />
    <xs:field xpath="@Name" />
  </xs:unique>
</xs:element>
</xs:sequence>
<xs:attribute name="RefId" use="required" type="sif:RefIdType" />
</xs:complexType>
<xs:element name="StudentRecordExchange"
  type="sif:StudentRecordExchangeType" />
<!-- StudentDemographicRecord -->
- <xs:complexType name="StudentDemographicRecordType">
  - <xs:sequence>
    <xs:element name="ReportingDate" minOccurs="0" type="xs:date" />
    - <xs:element name="StudentPersonalData" minOccurs="0">
      - <xs:complexType>
        - <xs:sequence>
          <xs:element name="LocalId" minOccurs="0" nillable="true"
            type="sif:LocalIdType" />
          <xs:element name="StateProvinceId" minOccurs="0"
            nillable="true" type="sif:StateProvinceIdType" />
          <xs:element name="SSN" minOccurs="0" nillable="true"
            type="sif:SSNType" />
        </xs:sequence>
      </xs:complexType>
    </xs:element>
  </xs:sequence>

```

```

- <xs:element name="OtherIdList" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="OtherId" minOccurs="0"
  maxOccurs="unbounded">
- <xs:complexType>
- <xs:simpleContent>
- <xs:extension
  base="xs:normalizedString">
  <xs:attribute name="Type"
    use="required"
    type="sif:NCES0147IdentificationSystemType" />
  </xs:extension>
  </xs:simpleContent>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="Name" minOccurs="0"
  type="sif:NameOfRecordType" />
- <xs:element name="OtherNames" minOccurs="0" nillable="true"
  type="sif:OtherNamesType">
- <xs:unique name="OtherNamesKey2">
  <xs:selector xpath="./sif:Name" />
  <xs:field xpath="@Type" />
</xs:unique>
</xs:element>
- <xs:element name="DemographicsData" minOccurs="0"
  nillable="true">
- <xs:complexType>
- <xs:sequence>
  <xs:element name="RaceList" minOccurs="0"
    nillable="true" type="sif:RaceListType" />
  <xs:element name="Gender" minOccurs="0"
    nillable="true" type="sif:GenderType" />
  <xs:element name="BirthDate" minOccurs="0"
    nillable="true" type="sif:BirthDateType" />
  <xs:element name="EnglishProficiency"
    minOccurs="0" nillable="true"
    type="sif:EnglishProficiencyType" />
  <xs:element name="LanguageList" minOccurs="0"
    nillable="true" type="sif:LanguageListType" />
</xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="AddressList" minOccurs="0" nillable="true"
  type="sif:AddressListType">
- <xs:unique name="AddressListKey3">
  <xs:selector xpath="./sif:Address" />
  <xs:field xpath="@Type" />
</xs:unique>
</xs:element>

```

```

- <xs:element name="PhoneNumberList" minOccurs="0"
  nillable="true" type="sif:PhoneNumberListType">
- <xs:unique name="PhoneNumberListKey4">
  <xs:selector xpath="./sif:PhoneNumber" />
  <xs:field xpath="@Type" />
</xs:unique>
</xs:element>
<xs:element name="IDEA" minOccurs="0" nillable="true"
  type="sif:IDEAType" />
<xs:element name="Migrant" minOccurs="0" nillable="true"
  type="sif:MigrantType" />
<xs:element name="Title1" minOccurs="0" nillable="true"
  type="sif:Title1Type" />
<xs:element name="GiftedTalented" minOccurs="0"
  nillable="true" type="sif:GiftedTalentedType" />
<xs:element name="EconomicDisadvantage" minOccurs="0"
  nillable="true" type="sif:EconomicDisadvantageType" />
<xs:element name="ELL" minOccurs="0" nillable="true"
  type="sif:ELLType" />
<xs:element name="Homeless" minOccurs="0" nillable="true"
  type="sif:HomelessType" />
<xs:element name="Section504" minOccurs="0" nillable="true"
  type="sif:Section504Type" />
<xs:element name="VocationalConcentrator" minOccurs="0"
  nillable="true" type="sif:VocationalConcentratorType" />
<xs:element name="Immigrant" minOccurs="0" nillable="true"
  type="sif:ImmigrantType" />
<xs:element name="NeglectedDelinquent" minOccurs="0"
  nillable="true" type="sif:NeglectedDelinquentType" />
</xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="StudentContactsSummary" minOccurs="0"
  nillable="true">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="ParentGuardian1" minOccurs="0">
- <xs:complexType>
- <xs:sequence>
  <xs:element ref="sif:Name" minOccurs="0" />
- <xs:element name="PhoneNumberList"
  minOccurs="0" nillable="true"
  type="sif:PhoneNumberListType">
- <xs:unique name="PhoneNumberListKey5">
  <xs:selector xpath="./sif:PhoneNumber" />
  <xs:field xpath="@Type" />
</xs:unique>
</xs:element>
- <xs:element name="AddressList" minOccurs="0"
  nillable="true" type="sif:AddressListType">
- <xs:unique name="AddressListKey4">
  <xs:selector xpath="./sif:Address" />
  <xs:field xpath="@Type" />

```

```

        </xs:unique>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
- <xs:element name="ParentGuardian2" minOccurs="0"
  nillable="true">
- <xs:complexType>
  - <xs:sequence>
    <xs:element ref="sif:Name" minOccurs="0" />
    - <xs:element name="PhoneNumberList"
      minOccurs="0" nillable="true"
      type="sif:PhoneNumberListType">
      - <xs:unique name="PhoneNumberListKey6">
        <xs:selector xpath="./sif:PhoneNumber" />
        <xs:field xpath="@Type" />
      </xs:unique>
    </xs:element>
    - <xs:element name="AddressList" minOccurs="0"
      nillable="true" type="sif:AddressListType">
      - <xs:unique name="AddressListKey5">
        <xs:selector xpath="./sif:Address" />
        <xs:field xpath="@Type" />
      </xs:unique>
    </xs:element>
  </xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
  type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
- <xs:unique name="SIF_ExtendedElementsKey27">
  <xs:selector xpath="./sif:SIF_ExtendedElement" />
  <xs:field xpath="@Name" />
</xs:unique>
</xs:element>
</xs:sequence>
<xs:attribute name="RefId" use="required" type="sif:RefIdType" />
<xs:attribute name="SIF_RefId" use="required" type="sif:RefIdType" />
- <xs:attribute name="SIF_RefObject" use="required">
- <xs:simpleType>
  - <xs:restriction base="xs:token">
    <xs:enumeration value="StudentRecordExchange" />
    <xs:enumeration value="StudentPersonal" />
  </xs:restriction>
</xs:simpleType>
</xs:attribute>
</xs:complexType>

```

```

- <xs:element name="StudentDemographicRecord"
  type="sif:StudentDemographicRecordType">
- <xs:unique name="StudentDemographicRecordKey1">
  <xs:selector xpath="." />
  <xs:field xpath="@RefId" />
</xs:unique>
</xs:element>
<!-- StudentAcademicRecord -->
- <xs:complexType name="StudentAcademicRecordType">
- <xs:sequence>
  <xs:element name="ReportingDate" minOccurs="0" type="xs:date" />
- <xs:element name="StudentSchoolEnrollmentData" minOccurs="0">
- <xs:complexType>
- <xs:sequence>
  <xs:element ref="sif:GradeLevel" minOccurs="0" />
- <xs:element name="Advisor" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="StaffPersonalData"
  minOccurs="0">
- <xs:complexType>
- <xs:sequence>
  <xs:element ref="sif:Name"
    minOccurs="0" />
  <xs:element name="Title" minOccurs="0"
    nillable="true"
    type="xs:normalizedString" />
- <xs:element name="AddressList"
  minOccurs="0" nillable="true"
  type="sif:AddressListType">
- <xs:unique name="AddressListKey6">
  <xs:selector
    xpath="./sif:Address" />
  <xs:field xpath="@Type" />
</xs:unique>
</xs:element>
- <xs:element name="PhoneNumberList"
  minOccurs="0" nillable="true"
  type="sif:PhoneNumberListType">
- <xs:unique
  name="PhoneNumberListKey7">
  <xs:selector
    xpath="./sif:PhoneNumber" />
  <xs:field xpath="@Type" />
</xs:unique>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="Counselor" minOccurs="0" nillable="true">

```



```

- <xs:complexType>
- <xs:sequence>
- <xs:element name="StaffPersonalData"
  minOccurs="0">
- <xs:complexType>
- <xs:sequence>
  <xs:element ref="sif:Name"
    minOccurs="0" />
  <xs:element name="Title" minOccurs="0"
    nillable="true"
    type="xs:normalizedString" />
- <xs:element name="AddressList"
  minOccurs="0" nillable="true"
  type="sif:AddressListType">
- <xs:unique name="AddressListKey7">
  <xs:selector
    xpath="./sif:Address" />
  <xs:field xpath="@Type" />
</xs:unique>
</xs:element>
- <xs:element name="PhoneNumberList"
  minOccurs="0" nillable="true"
  type="sif:PhoneNumberListType">
- <xs:unique
  name="PhoneNumberListKey8">
  <xs:selector
    xpath="./sif:PhoneNumber" />
  <xs:field xpath="@Type" />
</xs:unique>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
<xs:attribute name="SchoolAttendedRefId" use="required"
  type="sif:IdRefType" />
</xs:complexType>
</xs:element>
<xs:element name="DistrictEntryDate" minOccurs="0" nillable="true"
  type="sif:PartialDateType" />
- <xs:element name="SchoolAttendanceHistory" minOccurs="0">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="SchoolAttended" minOccurs="0"
  maxOccurs="unbounded">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="LEAInfoData" minOccurs="0"
  nillable="true">
- <xs:complexType>

```

```

- <xs:sequence>
  <xs:element name="LocalId"
    minOccurs="0" nillable="true"
    type="sif:LocalIdType" />
  <xs:element name="StateProvinceId"
    minOccurs="0" nillable="true"
    type="sif:StateProvinceIdType" />
  <xs:element name="NCESId"
    minOccurs="0" nillable="true"
    type="sif:NCESIdType" />
  <xs:element ref="sif:LEAName"
    minOccurs="0" />
</xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="SchoolInfoData" minOccurs="0">
- <xs:complexType>
- <xs:sequence>
  <xs:element ref="sif:LocalId"
    minOccurs="0" />
  <xs:element name="StateProvinceId"
    minOccurs="0" nillable="true"
    type="sif:StateProvinceIdType" />
  <xs:element name="NCESId"
    minOccurs="0" nillable="true"
    type="sif:NCESIdType" />
  <xs:element ref="sif:SchoolName"
    minOccurs="0" />
  <xs:element name="SchoolURL"
    minOccurs="0" nillable="true"
    type="sif:SchoolURLType" />
  <xs:element name="SchoolContactList"
    minOccurs="0" nillable="true"
    type="sif:SchoolContactListType" />
- <xs:element name="AddressList"
  minOccurs="0" nillable="true"
  type="sif:AddressListType">
- <xs:unique name="AddressListKey8">
  <xs:selector
    xpath="./sif:Address" />
  <xs:field xpath="@Type" />
</xs:unique>
</xs:element>
- <xs:element name="PhoneNumberList"
  minOccurs="0" nillable="true"
  type="sif:PhoneNumberListType">
- <xs:unique
  name="PhoneNumberListKey9">
  <xs:selector
    xpath="./sif:PhoneNumber" />
  <xs:field xpath="@Type" />
</xs:unique>
</xs:element>
<xs:element

```

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    name="IdentificationInfoList"
      minOccurs="0" nillable="true"
      type="sif:IdentificationInfoListType" />
    <xs:element name="GradeLevels"
      minOccurs="0" nillable="true"
      type="sif:GradeLevelsType" />
  </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="AccreditingBody" minOccurs="0"
  nillable="true" type="xs:normalizedString" />
- <xs:element name="MarkingSystems" minOccurs="0"
  nillable="true">
- <xs:complexType>
- <xs:sequence>
  - <xs:element name="MarkValueInfoData"
    minOccurs="0"
    maxOccurs="unbounded">
  - <xs:complexType>
  - <xs:sequence>
    <xs:element name="Name"
      minOccurs="0"
      type="xs:string" />
    - <xs:element
      name="Percentage"
      minOccurs="0"
      nillable="true">
    - <xs:complexType>
    - <xs:sequence>
      <xs:element
        name="Minimum"
        minOccurs="0"
        nillable="true"
        type="xs:decimal" />
      <xs:element
        name="Maximum"
        minOccurs="0"
        nillable="true"
        type="xs:decimal" />
      </xs:sequence>
    </xs:complexType>
    </xs:element>
  - <xs:element name="Numeric"
    minOccurs="0"
    nillable="true">
  - <xs:complexType>
  - <xs:sequence>
    <xs:element
      name="Precision"
      minOccurs="0"
      nillable="true"
      type="xs:unsignedInt" />
    <xs:element
      name="Scale"

```

```

minOccurs="0"
  nillable="true"
  type="xs:unsignedInt" />
<xs:element
  name="Low"
  minOccurs="0"
  nillable="true"
  type="xs:decimal" />
<xs:element
  name="High"
  minOccurs="0"
  nillable="true"
  type="xs:decimal" />
</xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="Letter"
  minOccurs="0"
  nillable="true">
- <xs:complexType>
- <xs:sequence>
  - <xs:element
    name="ValidMark"
    minOccurs="0"
    maxOccurs="unbounded">
  -
    <xs:complexType>
    -
      <xs:sequence>

        <xs:element
          name="Code"
          minOccurs="0"
          type="xs:token" />

        <xs:element
          name="NumericEquivalent"
          minOccurs="0"
          nillable="true"
          type="xs:decimal" />

        <xs:element
          name="Description"
          minOccurs="0"
          nillable="true"
          type="xs:string" />

      </xs:sequence>

    </xs:complexType>
  </xs:element>
</xs:sequence>
</xs:complexType>
- <xs:unique

```

```

        name="LetterKey1">
            <xs:selector
                xpath="./sif:ValidMark" />
            <xs:field
                xpath="./sif:Code" />
        </xs:unique>
    </xs:element>
    - <xs:element name="Narrative"
        minOccurs="0"
        nillable="true">
        - <xs:complexType>
            - <xs:sequence>
                <xs:element
                    name="MaximumSize"
                    minOccurs="0"
                    nillable="true"
                    type="xs:unsignedInt" />
            </xs:sequence>
        </xs:complexType>
    </xs:element>
    </xs:sequence>
    <xs:attribute name="RefId"
        use="required"
        type="sif:RefIdType" />
    </xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
<xs:attribute name="RefId" use="required"
    type="sif:RefIdType" />
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="EnrollmentHistory" minOccurs="0" nillable="true">
    - <xs:complexType>
        - <xs:sequence>
            - <xs:element name="StudentSchoolEnrollmentData"
                minOccurs="0" maxOccurs="unbounded">
                - <xs:complexType>
                    - <xs:sequence>
                        <xs:element name="SchoolYear" minOccurs="0"
                            nillable="true" type="sif:SchoolYearType" />
                        <xs:element name="EntryDate" minOccurs="0"
                            nillable="true" type="sif:PartialDateType" />
                        <xs:element name="ExitDate" minOccurs="0"
                            nillable="true" type="sif:PartialDateType" />
                    </xs:sequence>
                <xs:attribute name="SchoolAttendedRefId"
                    use="required" type="sif:IdRefType" />
            </xs:complexType>
        </xs:sequence>
    </xs:complexType>

```

```

    </xs:complexType>
  </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="CurrentCourseActivity" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="TermInfoData" minOccurs="0">
- <xs:complexType>
- <xs:sequence>
  <xs:element name="SchoolYear" minOccurs="0"
    nillable="true" type="sif:SchoolYearType" />
  <xs:element name="StartDate" minOccurs="0"
    nillable="true" type="sif:PartialDateType" />
  <xs:element name="EndDate" minOccurs="0"
    nillable="true" type="sif:PartialDateType" />
  <xs:element name="Description" minOccurs="0"
    nillable="true" type="xs:string" />
  <xs:element name="TermCode" minOccurs="0"
    nillable="true" type="xs:normalizedString" />
  <xs:element name="Track" minOccurs="0"
    nillable="true" type="xs:normalizedString" />
  <xs:element name="TermSpan" minOccurs="0"
    nillable="true" type="sif:TermSpanType" />
</xs:sequence>
  <xs:attribute name="SchoolAttendedRefId"
    use="required" type="sif:IdRefType" />
</xs:complexType>
</xs:element>
- <xs:element name="Courses" minOccurs="0">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="Course" minOccurs="0"
  maxOccurs="unbounded">
- <xs:complexType>
- <xs:sequence>
  <xs:element
    name="SchoolAttendedRefId"
    minOccurs="0" nillable="true"
    type="sif:IdRefType" />
- <xs:element
  name="SchoolCourseInfoData"
  minOccurs="0">
- <xs:complexType>
- <xs:sequence>
  <xs:element
    name="CourseCode"
    minOccurs="0" nillable="true"
    type="sif:CourseCodeType" />
  <xs:element
    name="StateCourseCode"
    minOccurs="0" nillable="true"

```

```

type="sif:StateCourseCodeType" />
  <xs:element
    name="DistrictCourseCode"
    minOccurs="0" nillable="true"
    type="sif:DistrictCourseCodeType" />
  <xs:element
    name="NationalCourseCode"
    minOccurs="0" nillable="true"
    type="xs:normalizedString" />
  <xs:element
    name="SubjectAreaList"
    minOccurs="0" nillable="true"
    type="sif:SubjectAreaListType" />
  <xs:element
    name="CourseTitle"
    minOccurs="0" nillable="true"
    type="sif:CourseTitleType" />
  <xs:element
    name="Description"
    minOccurs="0" nillable="true"
    type="xs:string" />
  <xs:element
    name="InstructionalLevel"
    minOccurs="0" nillable="true"
    type="sif:InstructionalLevelType" />
  <xs:element
    name="CoreAcademicCourse"
    minOccurs="0" nillable="true"
    type="xs:boolean" />
  <xs:element
    name="GraduationRequirement"
    minOccurs="0" nillable="true"
    type="sif:GraduationRequirementType" />
  <xs:element
    name="Department"
    minOccurs="0" nillable="true"
    type="xs:normalizedString" />
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="StartDate"
  minOccurs="0" nillable="true"
  type="sif:PartialDateType" />
<xs:element name="EndDate"
  minOccurs="0" nillable="true"
  type="sif:PartialDateType" />
- <xs:element name="MarkingPeriod"
  minOccurs="0">
- <xs:complexType>
- <xs:sequence>
- <xs:element
  name="TermInfoData"
  minOccurs="0"
  nillable="true">

```

```

- <xs:complexType>
- <xs:sequence>
  <xs:element
    name="StartDate"
    minOccurs="0"
    nillable="true"
    type="sif:PartialDateType" />
  <xs:element
    name="EndDate"
    minOccurs="0"
    nillable="true"
    type="sif:PartialDateType" />
  <xs:element
    name="Description"
    minOccurs="0"
    nillable="true"
    type="xs:string" />
  <xs:element
    name="TermCode"
    minOccurs="0"
    nillable="true"
    type="xs:normalizedString" />
  <xs:element
    name="Track"
    minOccurs="0"
    nillable="true"
    type="xs:normalizedString" />
  <xs:element
    name="TermSpan"
    minOccurs="0"
    nillable="true"
    type="sif:TermSpanType" />
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element
  name="GradeLevelWhenTaken"
  minOccurs="0" nillable="true"
  type="sif:GradeLevelType" />
- <xs:element name="MarkData"
  minOccurs="0"
  nillable="true">
- <xs:complexType>
- <xs:sequence>
  <xs:element
    name="Percentage"
    minOccurs="0"
    nillable="true"
    type="xs:decimal" />
  <xs:element
    name="Numeric"
    minOccurs="0"
    nillable="true"
    type="xs:unsignedInt" />

```



```

        <xs:element
            name="Letter"
            minOccurs="0"
            nillable="true"
            type="xs:normalizedString" />
        <xs:element
            name="Narrative"
            minOccurs="0"
            nillable="true"
            type="xs:string" />
    </xs:sequence>
    <xs:attribute
        name="MarkValueInfoDataRefId"
        use="required"
        type="sif:IdRefType" />
</xs:complexType>
</xs:element>
<xs:element
    name="CourseCreditsAttempted"
    minOccurs="0" nillable="true"
    type="xs:decimal" />
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
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</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="CourseHistory" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="Term" minOccurs="0"
    maxOccurs="unbounded">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="TermInfoData" minOccurs="0">
- <xs:complexType>
- <xs:sequence>
    <xs:element name="SchoolYear"
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        type="sif:PartialDateType" />
    <xs:element name="EndDate"
        minOccurs="0" nillable="true"
        type="sif:PartialDateType" />
    <xs:element name="Description"

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  <xs:element name="TermCode"
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    type="xs:normalizedString" />
  <xs:element name="Track" minOccurs="0"
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  <xs:element name="TermSpan"
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    type="sif:TermSpanType" />
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- <xs:element name="Courses" minOccurs="0"
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- <xs:element name="Course"
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    type="sif:IdRefType" />
- <xs:element
  name="SchoolCourseInfoData"
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- <xs:complexType>
- <xs:sequence>
  <xs:element
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    type="sif:CourseCodeType" />
  <xs:element
    name="StateCourseCode"
    minOccurs="0"
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    name="DistrictCourseCode"
    minOccurs="0"
    nillable="true"
    type="sif:DistrictCourseCodeType" />
  <xs:element
    name="NationalCourseCode"
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<xs:element
  name="CourseTitle"
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  type="sif:CourseTitleType" />
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  name="Description"
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- <xs:element
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-
  <xs:complexType>

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  <xs:element
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    type="sif:IdRefType" />
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  <xs:element
    name="TermInfoData"
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    nillable="true">
-
    <xs:complexType>
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        <xs:element
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          type="sif:PartialDateType" />

        <xs:element
          name="EndDate"
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          nillable="true"
          type="sif:PartialDateType" />

        <xs:element
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        <xs:element
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        <xs:element
          name="Track"
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          type="xs:normalizedString" />

        <xs:element
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      </xs:sequence>

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</xs:element>

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  name="MarkData"
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-
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  -
    <xs:sequence>

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      <xs:element
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      <xs:element
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      type="sif:IdRefType" />

  </xs:complexType>
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<xs:element
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  type="xs:decimal" />

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<xs:element
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<xs:element
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    - <xs:element name="TermInfoData" minOccurs="0"
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      <xs:element name="EndDate"
        minOccurs="0" nillable="true"
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      <xs:element name="Description"
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        type="xs:string" />
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        minOccurs="0" nillable="true"
        type="xs:normalizedString" />
      <xs:element name="Track" minOccurs="0"
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<xs:element name="GPA" minOccurs="0"
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    <xs:element name="DaysAbsent" minOccurs="0"
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  <xs:element name="TotalCreditsEarned" minOccurs="0"
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  <xs:element name="CumulativeGPACreditsEarned"
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  <xs:element name="CumulativeGradePoints" minOccurs="0"
    nillable="true" type="xs:decimal" />
  <xs:element name="CumulativeGPA" minOccurs="0"
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  <xs:element name="GPAType" minOccurs="0" nillable="true"
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  <xs:element name="ClassRank" minOccurs="0" nillable="true"
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  <xs:element name="ClassTotalNumber" minOccurs="0"
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  <xs:element name="ClassRankingDate" minOccurs="0"
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  <xs:element name="ProjectedGraduationDate" minOccurs="0"
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  <xs:element name="GraduationDate" minOccurs="0"
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  <xs:element name="GraduationDiplomaType" minOccurs="0"
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  <xs:element name="AcademicTrack" minOccurs="0"
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    type="sif:NCES0106CourseInstructionalLevelType" />
- <xs:element name="AcademicFoci" minOccurs="0"
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- <xs:element name="AcademicSubject"
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- <xs:element name="AssessmentPerformanceHistory" minOccurs="0"
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- <xs:element name="Assessment" minOccurs="0"
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- <xs:sequence>
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  <xs:element name="Form" minOccurs="0"
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  <xs:element name="Level" minOccurs="0"
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- <xs:element
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  - <xs:sequence>
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  - <xs:element name="Status" minOccurs="0">
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    </xs:restriction>
  </xs:simpleType>
  </xs:element>
  <xs:element name="StatusDeterminationDate"
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- <xs:element name="ActivityAwardHistory" minOccurs="0" nillable="true">
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- <xs:sequence>
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    <xs:element name="InvolvementBeginningDate"
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```

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    type="sif:PartialDateType" />
    <xs:element name="InvolvementEndingDate"
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    <xs:element name="InvolvementAmount"
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    <xs:element name="HonorsDescription"
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      type="xs:normalizedString" />
    <xs:element name="DiplomaCredentialHonorsCode"
      minOccurs="0" nillable="true"
      type="sif:NCES0684DiplomaCredentialLevelAndHonorsType" />
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  </xs:sequence>
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- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
  - <xs:unique name="SIF_ExtendedElementsKey28">
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    <xs:field xpath="@Name" />
  </xs:unique>
</xs:element>
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- <xs:attribute name="SIF_RefObject" use="required">
  - <xs:simpleType>
    - <xs:restriction base="xs:token">
      <xs:enumeration value="StudentRecordExchange" />
      <xs:enumeration value="StudentPersonal" />
    </xs:restriction>
  </xs:simpleType>
</xs:attribute>
</xs:complexType>
- <xs:element name="StudentAcademicRecord"
  type="sif:StudentAcademicRecordType">
  - <xs:unique name="StudentAcademicRecordKey1">
    <xs:selector xpath="." />
    <xs:field xpath="@RefId" />
  </xs:unique>

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</xs:element>
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- <xs:complexType name="StudentSpecialEducationRecordType">
- <xs:sequence>
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  - <xs:element name="LEAInfoData" minOccurs="0">
    - <xs:complexType>
      - <xs:sequence>
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        <xs:element name="NCESId" minOccurs="0" nillable="true"
          type="sif:NCESIdType" />
        <xs:element ref="sif:LEAName" minOccurs="0" />
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  - <xs:element name="SchoolInfoData" minOccurs="0">
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      - <xs:sequence>
        <xs:element ref="sif:LocalId" minOccurs="0" />
        <xs:element name="StateProvinceId" minOccurs="0"
          nillable="true" type="sif:StateProvinceIdType" />
        <xs:element name="NCESId" minOccurs="0" nillable="true"
          type="sif:NCESIdType" />
        <xs:element ref="sif:SchoolName" minOccurs="0" />
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    </xs:complexType>
  </xs:element>
  - <xs:element name="StudentParticipationData" minOccurs="0">
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                nillable="true" type="sif:LocalIdType" />
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                nillable="true" type="sif:NCESIdType" />
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        - <xs:element name="SchoolInfoData" minOccurs="0">
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  <xs:element name="NCESId" minOccurs="0"
    nillable="true" type="sif:NCESIdType" />
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  <xs:element name="SchoolURL" minOccurs="0"
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  <xs:element name="SchoolContactList"
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    type="sif:SchoolContactListType" />
- <xs:element name="AddressList" minOccurs="0"
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- <xs:unique name="AddressListKey9">
  <xs:selector xpath="./sif:Address" />
  <xs:field xpath="@Type" />
</xs:unique>
</xs:element>
- <xs:element name="PhoneNumberList"
  minOccurs="0" nillable="true"
  type="sif:PhoneNumberListType">
- <xs:unique name="PhoneNumberListKey10">
  <xs:selector xpath="./sif:PhoneNumber" />
  <xs:field xpath="@Type" />
</xs:unique>
</xs:element>
</xs:sequence>
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<xs:element name="EvaluationDate" minOccurs="0"
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<xs:element name="ProgramPlanEffectiveDate" minOccurs="0"
  nillable="true" type="sif:PartialDateType" />
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- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
- <xs:unique name="SIF_ExtendedElementsKey29">
  <xs:selector xpath="./sif:SIF_ExtendedElement" />

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        <xs:field xpath="@Name" />
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    </xs:element>
  </xs:sequence>
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  <xs:attribute name="SIF_RefId" use="required" type="sif:RefIdType" />
- <xs:attribute name="SIF_RefObject" use="required">
- <xs:simpleType>
- <xs:restriction base="xs:token">
  <xs:enumeration value="StudentRecordExchange" />
  <xs:enumeration value="StudentPersonal" />
</xs:restriction>
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- <xs:element name="StudentSpecialEducationRecord"
  type="sif:StudentSpecialEducationRecordType">
- <xs:unique name="StudentSpecialEducationRecordKey1">
  <xs:selector xpath="." />
  <xs:field xpath="@RefId" />
</xs:unique>
</xs:element>
<!-- StudentRecordPackage -->
- <xs:complexType name="StudentRecordPackageType">
- <xs:complexContent>
- <xs:extension base="sif:AbstractContentPackageType">
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    type="sif:RefIdType" />
- <xs:attribute name="SIF_RefObject" use="required">
- <xs:simpleType>
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</xs:complexType>
<xs:element name="StudentRecordPackage"
  type="sif:StudentRecordPackageType" />
<!-- GradeBookWorkingGroup -->
<!-- MarkValueInfo -->
- <xs:complexType name="MarkValueInfoType">
- <xs:sequence>
  <xs:element ref="sif:SchoolYear" minOccurs="0" />
  <xs:element name="Name" minOccurs="0" type="xs:string" />
- <xs:element name="Percentage" minOccurs="0">
- <xs:complexType>
- <xs:sequence>
  <xs:element name="Minimum" minOccurs="0" nillable="true"
    type="xs:decimal" />

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    <xs:element name="Maximum" minOccurs="0" nillable="true"
      type="xs:decimal" />
  </xs:sequence>
  <xs:attribute name="IsAccepted" use="required"
    type="xs:boolean" />
</xs:complexType>
</xs:element>
- <xs:element name="Numeric" minOccurs="0">
- <xs:complexType>
- <xs:sequence>
  <xs:element name="Precision" minOccurs="0" nillable="true"
    type="xs:unsignedInt" />
  <xs:element name="Scale" minOccurs="0" nillable="true"
    type="xs:unsignedInt" />
  <xs:element name="Low" minOccurs="0" nillable="true"
    type="xs:decimal" />
  <xs:element name="High" minOccurs="0" nillable="true"
    type="xs:decimal" />
</xs:sequence>
  <xs:attribute name="IsAccepted" use="required"
    type="xs:boolean" />
</xs:complexType>
</xs:element>
- <xs:element name="Letter" minOccurs="0">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="ValidMark" minOccurs="0"
  maxOccurs="unbounded">
- <xs:complexType>
- <xs:sequence>
  <xs:element name="Code" minOccurs="0"
    type="xs:token" />
  <xs:element name="NumericEquivalent"
    minOccurs="0" nillable="true" type="xs:decimal" />
  <xs:element name="Description" minOccurs="0"
    nillable="true" type="xs:string" />
</xs:sequence>
- <xs:attribute name="SIF_Action" use="optional">
- <xs:simpleType>
- <xs:restriction base="xs:token">
  <xs:enumeration value="Delete" />
</xs:restriction>
</xs:simpleType>
</xs:attribute>
</xs:complexType>
</xs:element>
</xs:sequence>
  <xs:attribute name="IsAccepted" use="required"
    type="xs:boolean" />
</xs:complexType>
- <xs:unique name="LetterKey2">
  <xs:selector xpath="./sif:ValidMark" />
  <xs:field xpath="./sif:Code" />

```

```

    </xs:unique>
  </xs:element>
- <xs:element name="Narrative" minOccurs="0">
  - <xs:complexType>
    - <xs:sequence>
      <xs:element name="MaximumSize" minOccurs="0"
        nillable="true" type="xs:unsignedInt" />
    </xs:sequence>
    <xs:attribute name="IsAccepted" use="required"
      type="xs:boolean" />
    </xs:complexType>
  </xs:element>
  <xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
    type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
  - <xs:unique name="SIF_ExtendedElementsKey30">
    <xs:selector xpath="/sif:SIF_ExtendedElement" />
    <xs:field xpath="@Name" />
  </xs:unique>
  </xs:element>
</xs:sequence>
  <xs:attribute name="RefId" use="required" type="sif:RefIdType" />
  <xs:attribute name="SchoolInfoRefId" use="required" type="sif:IdRefType" />
</xs:complexType>
- <xs:element name="MarkValueInfo" type="sif:MarkValueInfoType">
- <xs:unique name="MarkValueInfoKey1">
  <xs:selector xpath="." />
  <xs:field xpath="@RefId" />
</xs:unique>
</xs:element>
<!-- MarkInfo -->
- <xs:complexType name="MarkInfoType">
- <xs:sequence>
  <xs:element ref="sif:SchoolYear" minOccurs="0" />
  <xs:element name="Description" minOccurs="0" type="xs:string" />
  <xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
    type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
  - <xs:unique name="SIF_ExtendedElementsKey31">
    <xs:selector xpath="/sif:SIF_ExtendedElement" />
    <xs:field xpath="@Name" />
  </xs:unique>
  </xs:element>
</xs:sequence>
  <xs:attribute name="RefId" use="required" type="sif:RefIdType" />
  <xs:attribute name="MarkValueInfoRefId" use="required"
    type="sif:IdRefType" />
  <xs:attribute name="SchoolInfoRefId" use="required" type="sif:IdRefType" />
</xs:complexType>
- <xs:element name="MarkInfo" type="sif:MarkInfoType">

```



```

- <xs:unique name="MarkInfoKey1">
  <xs:selector xpath="." />
  <xs:field xpath="@RefId" />
</xs:unique>
</xs:element>
<!-- SectionMarkInfo -->
- <xs:complexType name="SectionMarkInfoType">
- <xs:sequence>
  - <xs:element name="TermMarkLists" minOccurs="0">
    - <xs:complexType>
      - <xs:sequence>
        - <xs:element name="MarkInfoList" minOccurs="0"
          maxOccurs="unbounded">
          - <xs:complexType>
            - <xs:sequence>
              <xs:element name="MarkInfoRefId" minOccurs="0"
                maxOccurs="unbounded" type="sif:IdRefType" />
            </xs:sequence>
              <xs:attribute name="TermInfoRefId" use="required"
                type="sif:IdRefType" />
            - <xs:attribute name="SIF_Action" use="optional">
              - <xs:simpleType>
                - <xs:restriction base="xs:token">
                  <xs:enumeration value="Delete" />
                </xs:restriction>
              </xs:simpleType>
            </xs:attribute>
          </xs:complexType>
        </xs:element>
      </xs:sequence>
    </xs:complexType>
  - <xs:unique name="TermMarkListsKey1">
    <xs:selector xpath="./sif:MarkInfoList" />
    <xs:field xpath="@TermInfoRefId" />
  </xs:unique>
</xs:element>
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
  type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
  - <xs:unique name="SIF_ExtendedElementsKey32">
    <xs:selector xpath="./sif:SIF_ExtendedElement" />
    <xs:field xpath="@Name" />
  </xs:unique>
</xs:element>
</xs:sequence>
<xs:attribute name="SectionInfoRefId" use="required"
  type="sif:IdRefType" />
<xs:attribute name="SchoolInfoRefId" use="required" type="sif:IdRefType" />
</xs:complexType>
- <xs:element name="SectionMarkInfo" type="sif:SectionMarkInfoType">
- <xs:unique name="SectionMarkInfoKey1">

```

```

    <xs:selector xpath="." />
    <xs:field xpath="@SectionInfoRefId" />
    <xs:field xpath="@SchoolInfoRefId" />
  </xs:unique>
</xs:element>
<!-- StudentSectionMarks -->
- <xs:complexType name="StudentSectionMarksType">
- <xs:sequence>
  <xs:element name="IsFinal" minOccurs="0" type="xs:boolean" />
  - <xs:element name="MarkList" minOccurs="0">
  - <xs:complexType>
  - <xs:sequence>
    - <xs:element name="Mark" minOccurs="0"
      maxOccurs="unbounded">
    - <xs:complexType>
    - <xs:sequence>
      - <xs:element name="Percentage" minOccurs="0"
        nillable="true">
      - <xs:simpleType>
      - <xs:restriction base="xs:decimal">
        <xs:minInclusive value="0"
          xmlns:xs="http://www.w3.org/2001/XMLSchema" />
        <xs:maxInclusive value="100"
          xmlns:xs="http://www.w3.org/2001/XMLSchema" />
        <xs:fractionDigits value="2"
          xmlns:xs="http://www.w3.org/2001/XMLSchema" />
      </xs:restriction>
    </xs:simpleType>
    </xs:element>
    <xs:element name="Numeric" minOccurs="0"
      nillable="true" type="xs:decimal" />
    <xs:element name="Letter" minOccurs="0"
      nillable="true" type="xs:normalizedString" />
    <xs:element name="Narrative" minOccurs="0"
      nillable="true" type="xs:string" />
    </xs:sequence>
    <xs:attribute name="MarkInfoRefId" use="required"
      type="sif:IdRefType" />
    </xs:complexType>
  </xs:element>
  </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
  type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
  - <xs:unique name="SIF_ExtendedElementsKey33">
    <xs:selector xpath="./sif:SIF_ExtendedElement" />
    <xs:field xpath="@Name" />
  </xs:unique>
</xs:element>
</xs:sequence>

```

```

<xs:attribute name="StudentPersonalRefId" use="required"
  type="sif:IdRefType" />
<xs:attribute name="SectionInfoRefId" use="required"
  type="sif:IdRefType" />
<xs:attribute name="TermInfoRefId" use="required" type="sif:IdRefType" />
<xs:attribute name="SchoolInfoRefId" use="required" type="sif:IdRefType" />
</xs:complexType>
- <xs:element name="StudentSectionMarks" type="sif:StudentSectionMarksType">
- <xs:unique name="StudentSectionMarksKey1">
  <xs:selector xpath="." />
  <xs:field xpath="@StudentPersonalRefId" />
  <xs:field xpath="@SectionInfoRefId" />
  <xs:field xpath="@TermInfoRefId" />
</xs:unique>
</xs:element>
<!-- GradingCategory -->
- <xs:complexType name="GradingCategoryType">
- <xs:sequence>
  <xs:element name="Description" minOccurs="0" type="xs:string" />
  <xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
    type="sif:SIF_MetadataType" />
  - <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
    type="sif:SIF_ExtendedElementsType">
  - <xs:unique name="SIF_ExtendedElementsKey34">
    <xs:selector xpath="./sif:SIF_ExtendedElement" />
    <xs:field xpath="@Name" />
  </xs:unique>
  </xs:element>
</xs:sequence>
  <xs:attribute name="RefId" use="required" type="sif:RefIdType" />
  <xs:attribute name="SectionInfoRefId" use="required"
    type="sif:IdRefType" />
  <xs:attribute name="TermInfoRefId" use="required" type="sif:IdRefType" />
  <xs:attribute name="SchoolInfoRefId" use="required" type="sif:IdRefType" />
</xs:complexType>
- <xs:element name="GradingCategory" type="sif:GradingCategoryType">
- <xs:unique name="GradingCategoryKey1">
  <xs:selector xpath="." />
  <xs:field xpath="@RefId" />
</xs:unique>
</xs:element>
<!-- GradingAssignment -->
- <xs:complexType name="GradingAssignmentType">
- <xs:sequence>
  <xs:element name="Description" minOccurs="0" type="xs:string" />
  <xs:element name="PointsPossible" minOccurs="0"
    type="xs:unsignedInt" />
  <xs:element name="CreateDate" minOccurs="0" nillable="true"
    type="xs:date" />
  <xs:element name="DueDate" minOccurs="0" nillable="true"
    type="xs:date" />
  <xs:element name="Weight" minOccurs="0" nillable="true"
    type="xs:decimal" />

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```

- <xs:element name="DetailedDescription" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:simpleContent>
- <xs:extension base="sif:URIOrBinaryTypeOrEmpty">
- <xs:attribute name="Type" use="required">
- <xs:simpleType>
- <xs:restriction base="xs:token">
  <xs:enumeration value="URL" />
  <xs:enumeration value="PDF" />
</xs:restriction>
</xs:simpleType>
</xs:attribute>
</xs:extension>
</xs:simpleContent>
</xs:complexType>
</xs:element>
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
  type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
- <xs:unique name="SIF_ExtendedElementsKey35">
  <xs:selector xpath="/sif:SIF_ExtendedElement" />
  <xs:field xpath="@Name" />
</xs:unique>
</xs:element>
</xs:sequence>
<xs:attribute name="RefId" use="required" type="sif:RefIdType" />
<xs:attribute name="SectionInfoRefId" use="required"
  type="sif:IdRefType" />
<xs:attribute name="TermInfoRefId" use="required" type="sif:IdRefType" />
<xs:attribute name="SchoolInfoRefId" use="required" type="sif:IdRefType" />
<xs:attribute name="GradingCategoryRefId" use="required"
  type="sif:IdRefType" />
</xs:complexType>
- <xs:element name="GradingAssignment" type="sif:GradingAssignmentType">
- <xs:unique name="GradingAssignmentKey1">
  <xs:selector xpath="." />
  <xs:field xpath="@RefId" />
</xs:unique>
</xs:element>
<!-- GradingAssignmentScore -->
- <xs:complexType name="GradingAssignmentScoreType">
- <xs:sequence>
  <xs:element name="ScorePoints" minOccurs="0" nillable="true"
    type="xs:unsignedInt" />
  <xs:element name="ScorePercent" minOccurs="0" nillable="true"
    type="xs:decimal" />
  <xs:element name="ScoreLetter" minOccurs="0" nillable="true"
    type="xs:string" />
  <xs:element name="ScoreDescription" minOccurs="0" nillable="true"
    type="xs:string" />
  <xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
    type="sif:SIF_MetadataType" />

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- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
- <xs:unique name="SIF_ExtendedElementsKey36">
  <xs:selector xpath="./sif:SIF_ExtendedElement" />
  <xs:field xpath="@Name" />
</xs:unique>
</xs:element>
</xs:sequence>
<xs:attribute name="StudentPersonalRefId" use="required"
  type="sif:IdRefType" />
<xs:attribute name="SectionInfoRefId" use="required"
  type="sif:IdRefType" />
<xs:attribute name="SchoolInfoRefId" use="required" type="sif:IdRefType" />
<xs:attribute name="GradingAssignmentRefId" use="required"
  type="sif:IdRefType" />
</xs:complexType>
- <xs:element name="GradingAssignmentScore"
  type="sif:GradingAssignmentScoreType">
- <xs:unique name="GradingAssignmentScoreKey1">
  <xs:selector xpath="." />
  <xs:field xpath="@StudentPersonalRefId" />
  <xs:field xpath="@GradingAssignmentRefId" />
</xs:unique>
</xs:element>
<!-- StudentPeriodAttendance -->
- <xs:complexType name="StudentPeriodAttendanceType">
- <xs:sequence>
  <xs:element name="TimetablePeriod" minOccurs="0" nillable="true"
    type="xs:normalizedString" />
  <xs:element name="TimeIn" minOccurs="0" nillable="true"
    type="xs:time" />
  <xs:element name="TimeOut" minOccurs="0" nillable="true"
    type="xs:time" />
- <xs:element name="AttendanceCode" minOccurs="0">
- <xs:complexType>
- <xs:simpleContent>
- <xs:extension base="xs:token">
  <xs:attribute name="AttendanceCodeInfoRefId"
    use="required" type="sif:IdRefType" />
</xs:extension>
</xs:simpleContent>
</xs:complexType>
</xs:element>
- <xs:element name="AuditInfo" minOccurs="0">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="CreationUser" minOccurs="0">
- <xs:complexType>
- <xs:sequence>
  <xs:element name="UserId" minOccurs="0"
    type="xs:normalizedString" />
</xs:sequence>
- <xs:attribute name="Type" use="required">

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- <xs:simpleType>
  - <xs:restriction base="xs:token">
    <xs:enumeration value="Office Staff" />
    <xs:enumeration value="School Admin" />
    <xs:enumeration value="Parent" />
    <xs:enumeration value="Nurse" />
    <xs:enumeration value="Teacher" />
    <xs:enumeration value="Other" />
  </xs:restriction>
</xs:simpleType>
</xs:attribute>
</xs:complexType>
</xs:element>
<xs:element name="CreationDateTime" minOccurs="0"
  type="xs:dateTime" />
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="AttendanceComment" minOccurs="0" nillable="true"
  type="xs:string" />
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
  type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
  - <xs:unique name="SIF_ExtendedElementsKey37">
    <xs:selector xpath="./sif:SIF_ExtendedElement" />
    <xs:field xpath="@Name" />
  </xs:unique>
</xs:element>
</xs:sequence>
<xs:attribute name="RefId" use="required" type="sif:RefIdType" />
<xs:attribute name="StudentPersonalRefId" use="required"
  type="sif:IdRefType" />
<xs:attribute name="SectionInfoRefId" use="required"
  type="sif:IdRefType" />
<xs:attribute name="SchoolInfoRefId" use="required" type="sif:IdRefType" />
<xs:attribute name="Date" use="required" type="xs:date" />
</xs:complexType>
- <xs:element name="StudentPeriodAttendance"
  type="sif:StudentPeriodAttendanceType">
  - <xs:unique name="StudentPeriodAttendanceKey1">
    <xs:selector xpath="." />
    <xs:field xpath="@RefId" />
  </xs:unique>
</xs:element>
<!-- OfficialStudentPeriodAttendance -->
- <xs:complexType name="OfficialStudentPeriodAttendanceType">
  - <xs:complexContent>
    <xs:extension base="sif:StudentPeriodAttendanceType" />
  </xs:complexContent>
</xs:complexType>
<xs:element name="OfficialStudentPeriodAttendance"

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```

type="sif:OfficialStudentPeriodAttendanceType" />
  <!-- StudentGrade -->
- <xs:complexType name="StudentGradeType">
- <xs:sequence>
  <xs:element name="StudentPersonalRefId" minOccurs="0"
    type="sif:IdRefType" />
  <xs:element name="SectionInfoRefId" minOccurs="0"
    type="sif:IdRefType" />
  <xs:element name="SchoolInfoRefId" minOccurs="0"
    type="sif:IdRefType" />
  <xs:element ref="sif:SchoolYear" minOccurs="0" />
- <xs:element name="Grade" minOccurs="0">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="Percentage" minOccurs="0" nillable="true">
- <xs:simpleType>
- <xs:restriction base="xs:decimal">
  <xs:minInclusive value="0.00"
    xmlns:xs="http://www.w3.org/2001/XMLSchema" />
  <xs:maxInclusive value="100.00"
    xmlns:xs="http://www.w3.org/2001/XMLSchema" />
  </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="Numeric" minOccurs="0" nillable="true"
  type="xs:decimal" />
<xs:element name="OutOf" minOccurs="0" nillable="true"
  type="xs:decimal" />
<xs:element name="Low" minOccurs="0" nillable="true"
  type="xs:decimal" />
<xs:element name="High" minOccurs="0" nillable="true"
  type="xs:decimal" />
<xs:element name="Letter" minOccurs="0" nillable="true"
  type="xs:token" />
<xs:element name="Narrative" minOccurs="0" nillable="true"
  type="xs:string" />
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
  type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
- <xs:unique name="SIF_ExtendedElementsKey38">
  <xs:selector xpath="./sif:SIF_ExtendedElement" />
  <xs:field xpath="@Name" />
</xs:unique>
</xs:element>
</xs:sequence>
<xs:attribute name="RefId" use="required" type="sif:RefIdType" />
</xs:complexType>
- <xs:element name="StudentGrade" type="sif:StudentGradeType">
- <xs:unique name="StudentGradeKey1">

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```

        <xs:selector xpath="." />
        <xs:field xpath="@RefId" />
    </xs:unique>
</xs:element>
<!-- HumanResourcesFinancialsWorkingGroup -->
<!-- Billing -->
- <xs:complexType name="BillingType">
- <xs:sequence>
    - <xs:element name="BilledEntity" minOccurs="0">
        - <xs:complexType>
            - <xs:simpleContent>
                - <xs:extension base="sif:IdRefTypeOrEmpty">
                    - <xs:attribute name="SIF_RefObject" use="required">
                        - <xs:simpleType>
                            - <xs:restriction base="xs:token">
                                <xs:enumeration value="StudentPersonal" />
                                <xs:enumeration value="StaffPersonal" />
                                <xs:enumeration value="VendorInfo" />
                                <xs:enumeration value="Purchasing" />
                            </xs:restriction>
                        </xs:simpleType>
                    </xs:attribute>
                </xs:extension>
            </xs:simpleContent>
        </xs:complexType>
    </xs:element>
    <xs:element name="BillingDate" minOccurs="0" type="xs:date" />
    <xs:element name="TransactionDescription" minOccurs="0"
        type="xs:string" />
    <xs:element name="BilledAmount" minOccurs="0"
        type="sif:MonetaryAmountType" />
    <xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
        type="sif:SIF_MetadataType" />
    - <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
        type="sif:SIF_ExtendedElementsType">
        - <xs:unique name="SIF_ExtendedElementsKey39">
            <xs:selector xpath="./sif:SIF_ExtendedElement" />
            <xs:field xpath="@Name" />
        </xs:unique>
    </xs:element>
</xs:sequence>
    <xs:attribute name="RefId" use="required" type="sif:RefIdType" />
</xs:complexType>
- <xs:element name="Billing" type="sif:BillingType">
- <xs:unique name="BillingKey1">
    <xs:selector xpath="." />
    <xs:field xpath="@RefId" />
</xs:unique>
</xs:element>
<!-- Payment -->
- <xs:complexType name="PaymentType">
- <xs:sequence>

```



```

<xs:element name="ReceivedDate" minOccurs="0" type="xs:date" />
<xs:element name="ReceivedAmount" minOccurs="0"
  type="sif:MonetaryAmountType" />
<xs:element name="ReceivedTransactionId" minOccurs="0"
  type="xs:normalizedString" />
<xs:element name="TransactionDescription" minOccurs="0" nillable="true"
  type="xs:string" />
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
  type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
  - <xs:unique name="SIF_ExtendedElementsKey40">
    <xs:selector xpath="/sif:SIF_ExtendedElement" />
    <xs:field xpath="@Name" />
  </xs:unique>
</xs:element>
</xs:sequence>
<xs:attribute name="RefId" use="required" type="sif:RefIdType" />
<xs:attribute name="BillingRefId" use="required" type="sif:IdRefType" />
</xs:complexType>
- <xs:element name="Payment" type="sif:PaymentType">
  - <xs:unique name="PaymentKey1">
    <xs:selector xpath="." />
    <xs:field xpath="@RefId" />
  </xs:unique>
</xs:element>
<!-- EmployeeAssignment -->
- <xs:complexType name="EmployeeAssignmentType">
  - <xs:sequence>
    <xs:element name="Description" minOccurs="0" type="xs:string" />
    - <xs:element name="PrimaryAssignment" minOccurs="0">
      - <xs:simpleType>
        - <xs:restriction base="xs:token">
          <xs:enumeration value="Yes" />
          <xs:enumeration value="No" />
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="LocationInfoRefId" minOccurs="0" nillable="true"
      type="sif:IdRefType" />
    <xs:element name="JobStartDate" minOccurs="0" nillable="true"
      type="xs:date" />
    <xs:element name="JobEndDate" minOccurs="0" nillable="true"
      type="xs:date" />
    - <xs:element name="JobFTE" minOccurs="0" nillable="true">
      - <xs:simpleType>
        - <xs:restriction base="xs:decimal">
          <xs:minInclusive value="0"
            xmlns:xs="http://www.w3.org/2001/XMLSchema" />
          <xs:maxInclusive value="1"
            xmlns:xs="http://www.w3.org/2001/XMLSchema" />
          <xs:fractionDigits value="2"
            xmlns:xs="http://www.w3.org/2001/XMLSchema" />
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
  </xs:sequence>
</xs:complexType>

```

```

    </xs:restriction>
  </xs:simpleType>
</xs:element>
- <xs:element name="JobClassification" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
  <xs:element name="Code" minOccurs="0"
    type="sif:NCES0557JobClassificationType" />
  <xs:element name="OtherCodeList" minOccurs="0"
    nillable="true" type="sif:OtherCodeListType" />
</xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="ProgramType" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
  <xs:element name="Code" minOccurs="0"
    type="sif:NCES0229ProgramTypeType" />
  <xs:element name="OtherCodeList" minOccurs="0"
    nillable="true" type="sif:OtherCodeListType" />
</xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="FundingSource" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
  <xs:element name="Code" minOccurs="0"
    type="sif:NCES0222ProgramFundingSourceType" />
  <xs:element name="OtherCodeList" minOccurs="0"
    nillable="true" type="sif:OtherCodeListType" />
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
  type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
- <xs:unique name="SIF_ExtendedElementsKey41">
  <xs:selector xpath="./sif:SIF_ExtendedElement" />
  <xs:field xpath="@Name" />
</xs:unique>
</xs:element>
</xs:sequence>
<xs:attribute name="RefId" use="required" type="sif:RefIdType" />
<xs:attribute name="EmployeePersonalRefId" use="required"
  type="sif:IdRefType" />
</xs:complexType>
- <xs:element name="EmployeeAssignment"
  type="sif:EmployeeAssignmentType">
- <xs:unique name="EmployeeAssignmentKey1">
  <xs:selector xpath="." />
  <xs:field xpath="@RefId" />
</xs:unique>

```

```

</xs:element>
<!-- EmployeeContract -->
- <xs:complexType name="EmployeeContractType">
- <xs:sequence>
  <xs:element name="BaseSalary" minOccurs="0"
    type="sif:MonetaryAmountType" />
  <xs:element name="ContractStartDate" minOccurs="0" type="xs:date" />
  <xs:element name="ContractEndDate" minOccurs="0" type="xs:date" />
  <xs:element name="ContractTerm" minOccurs="0" nillable="true"
    type="sif:NCES0468ContractualTermType" />
  <xs:element name="ContractDays" minOccurs="0" nillable="true"
    type="xs:decimal" />
  <xs:element name="AssignmentDays" minOccurs="0" nillable="true"
    type="xs:decimal" />
  <xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
    type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
- <xs:unique name="SIF_ExtendedElementsKey42">
  <xs:selector xpath="/sif:SIF_ExtendedElement" />
  <xs:field xpath="@Name" />
</xs:unique>
</xs:element>
</xs:sequence>
<xs:attribute name="RefId" use="required" type="sif:RefIdType" />
<xs:attribute name="EmployeePersonalRefId" use="required"
  type="sif:IdRefType" />
</xs:complexType>
- <xs:element name="EmployeeContract" type="sif:EmployeeContractType">
- <xs:unique name="EmployeeContractKey1">
  <xs:selector xpath="." />
  <xs:field xpath="@RefId" />
</xs:unique>
</xs:element>
<!-- EmploymentRecord -->
- <xs:complexType name="EmploymentRecordType">
- <xs:sequence>
  <xs:element name="LEAInfoRefId" minOccurs="0" type="sif:IdRefType" />
  <xs:element name="Active" minOccurs="0" nillable="true"
    type="xs:boolean" />
  <xs:element name="FullTimeStatus" minOccurs="0" nillable="true"
    type="sif:NCES0476FullTimeStatusType" />
  <xs:element name="HireDate" minOccurs="0" nillable="true"
    type="xs:date" />
  <xs:element name="TerminationDate" minOccurs="0" nillable="true"
    type="xs:date" />
  <xs:element name="TotalYearsExperience" minOccurs="0" nillable="true"
    type="xs:unsignedInt" />
  <xs:element name="PositionTitle" minOccurs="0" nillable="true"
    type="xs:normalizedString" />
  <xs:element name="PositionNumber" minOccurs="0" nillable="true"
    type="xs:normalizedString" />
  <xs:element name="SeniorityDate" minOccurs="0" nillable="true"

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type="xs:date" />
  <xs:element name="TenureDate" minOccurs="0" nillable="true"
    type="xs:date" />
  <xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
    type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
  - <xs:unique name="SIF_ExtendedElementsKey43">
    <xs:selector xpath="./sif:SIF_ExtendedElement" />
    <xs:field xpath="@Name" />
  </xs:unique>
</xs:element>
</xs:sequence>
<xs:attribute name="SIF_RefId" use="optional" type="sif:IdRefType" />
- <xs:attribute name="SIF_RefObject" use="required">
- <xs:simpleType>
  - <xs:restriction base="xs:token">
    <xs:enumeration value="EmployeePersonal" />
    <xs:enumeration value="StaffPersonal" />
  </xs:restriction>
</xs:simpleType>
</xs:attribute>
</xs:complexType>
- <xs:element name="EmploymentRecord" type="sif:EmploymentRecordType">
- <xs:unique name="EmploymentRecordKey1">
  <xs:selector xpath="." />
  <xs:field xpath="@SIF_RefId" />
  <xs:field xpath="@SIF_RefObject" />
</xs:unique>
</xs:element>
<!-- EmployeePersonal -->
- <xs:complexType name="EmployeePersonalType">
- <xs:sequence>
  <xs:element name="StateProvinceId" minOccurs="0" nillable="true"
    type="sif:StateProvinceIdType" />
  - <xs:element name="OtherIdList" minOccurs="0" nillable="true">
    - <xs:complexType>
      - <xs:sequence>
        - <xs:element name="OtherId" minOccurs="0"
          maxOccurs="unbounded">
          - <xs:complexType>
            - <xs:simpleContent>
              - <xs:extension base="xs:normalizedString">
                - <xs:attribute name="Type" use="required">
                  - <xs:simpleType>
                    - <xs:restriction base="xs:token">
                      <xs:enumeration value="SSN" />
                      <xs:enumeration value="State" />
                      <xs:enumeration value="Local" />
                      <xs:enumeration value="Other" />
                    </xs:restriction>
                  </xs:simpleType>

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        </xs:attribute>
        </xs:extension>
        </xs:simpleContent>
        </xs:complexType>
        </xs:element>
        </xs:sequence>
        </xs:complexType>
</xs:element>
<xs:element ref="sif:Name" minOccurs="0" />
<xs:element name="Demographics" minOccurs="0" nillable="true"
  type="sif:DemographicsType" />
- <xs:element name="AddressList" minOccurs="0" nillable="true"
  type="sif:AddressListType">
- <xs:unique name="AddressListKey10">
  <xs:selector xpath="./sif:Address" />
  <xs:field xpath="@Type" />
</xs:unique>
</xs:element>
- <xs:element name="PhoneNumberList" minOccurs="0" nillable="true"
  type="sif:PhoneNumberListType">
- <xs:unique name="PhoneNumberListKey11">
  <xs:selector xpath="./sif:PhoneNumber" />
  <xs:field xpath="@Type" />
</xs:unique>
</xs:element>
- <xs:element name="EmailList" minOccurs="0" nillable="true"
  type="sif:EmailListType">
- <xs:unique name="EmailListKey3">
  <xs:selector xpath="./sif:Email" />
  <xs:field xpath="@Type" />
</xs:unique>
</xs:element>
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
  type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
- <xs:unique name="SIF_ExtendedElementsKey44">
  <xs:selector xpath="./sif:SIF_ExtendedElement" />
  <xs:field xpath="@Name" />
</xs:unique>
</xs:element>
</xs:sequence>
<xs:attribute name="RefId" use="required" type="sif:RefIdType" />
</xs:complexType>
- <xs:element name="EmployeePersonal" type="sif:EmployeePersonalType">
- <xs:unique name="EmployeePersonalKey1">
  <xs:selector xpath="." />
  <xs:field xpath="@RefId" />
</xs:unique>
</xs:element>
<!-- EmployeePicture -->
- <xs:complexType name="EmployeePictureType">

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```

- <xs:sequence>
- <xs:element name="PictureSource" minOccurs="0">
- <xs:complexType>
- <xs:simpleContent>
- <xs:extension base="sif:URIOrBinaryTypeOrEmpty">
- <xs:attribute name="Type" use="required">
- <xs:simpleType>
- <xs:restriction base="xs:token">
  <xs:enumeration value="URL" />
  <xs:enumeration value="JPEG" />
</xs:restriction>
</xs:simpleType>
</xs:attribute>
</xs:extension>
</xs:simpleContent>
</xs:complexType>
</xs:element>
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
  type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
- <xs:unique name="SIF_ExtendedElementsKey45">
  <xs:selector xpath="./sif:SIF_ExtendedElement" />
  <xs:field xpath="@Name" />
</xs:unique>
</xs:element>
</xs:sequence>
<xs:attribute name="EmployeePersonalRefId" use="required"
  type="sif:IdRefType" />
</xs:complexType>
- <xs:element name="EmployeePicture" type="sif:EmployeePictureType">
- <xs:unique name="EmployeePictureKey1">
  <xs:selector xpath="." />
  <xs:field xpath="@EmployeePersonalRefId" />
</xs:unique>
</xs:element>
<!-- FinancialAnnual -->
- <xs:complexType name="FinancialAnnualType">
- <xs:sequence>
  <xs:element name="ReportDate" minOccurs="0" type="xs:date" />
  <xs:element ref="sif:StateProvinceId" minOccurs="0" />
  <xs:element name="FiscalYear" minOccurs="0" type="xs:gYear" />
- <xs:element name="AnnualItems" minOccurs="0">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="AnnualItem" minOccurs="0"
  maxOccurs="unbounded">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="AccountType" minOccurs="0">
- <xs:simpleType>
- <xs:restriction base="xs:token">

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        <xs:enumeration value="Revenue" />
        <xs:enumeration value="Expenditure" />
        <xs:enumeration value="Other" />
    </xs:restriction>
</xs:simpleType>
</xs:element>
- <xs:element name="FundType" minOccurs="0">
- <xs:simpleType>
- <xs:restriction base="xs:token">
    <xs:enumeration value="General" />
    <xs:enumeration value="Special" />
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="StateProvinceId" minOccurs="0"
    nillable="true" type="sif:StateProvinceIdType" />
- <xs:element name="ExpenditureArea" minOccurs="0"
    nillable="true">
- <xs:simpleType>
- <xs:restriction base="xs:token">
    <xs:enumeration value="Elementary" />
    <xs:enumeration value="Secondary" />
    <xs:enumeration value="Federal" />
    <xs:enumeration value="Other" />
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="Function" minOccurs="0"
    type="xs:normalizedString" />
<xs:element name="Object" minOccurs="0"
    nillable="true" type="xs:normalizedString" />
<xs:element name="InstructionalProgram"
    minOccurs="0" nillable="true"
    type="xs:normalizedString" />
<xs:element name="Amount" minOccurs="0"
    type="xs:decimal" />
- <xs:element name="SpecialAmountType"
    minOccurs="0" nillable="true">
- <xs:simpleType>
- <xs:restriction base="xs:token">
    <xs:enumeration value="1" />
    <xs:enumeration value="2" />
    <xs:enumeration value="3" />
    <xs:enumeration value="4" />
    <xs:enumeration value="5" />
</xs:restriction>
</xs:simpleType>
</xs:element>
- <xs:element name="GLAmountType" minOccurs="0"
    nillable="true">
- <xs:simpleType>
- <xs:restriction base="xs:token">
    <xs:enumeration value="1" />

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        <xs:enumeration value="2" />
        <xs:enumeration value="3" />
        <xs:enumeration value="4" />
        <xs:enumeration value="5" />
        <xs:enumeration value="6" />
        <xs:enumeration value="7" />
        <xs:enumeration value="8" />
        <xs:enumeration value="9" />
        <xs:enumeration value="10" />
        <xs:enumeration value="11" />
        <xs:enumeration value="12" />
    </xs:restriction>
</xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
    type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
    type="sif:SIF_ExtendedElementsType">
- <xs:unique name="SIF_ExtendedElementsKey46">
    <xs:selector xpath="/sif:SIF_ExtendedElement" />
    <xs:field xpath="@Name" />
</xs:unique>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:element name="FinancialAnnual" type="sif:FinancialAnnualType" />
<!-- FinancialBudget -->
- <xs:complexType name="FinancialBudgetType">
- <xs:sequence>
    <xs:element name="ReportDate" minOccurs="0" type="xs:date" />
    <xs:element ref="sif:StateProvinceId" minOccurs="0" />
    <xs:element name="FiscalYear" minOccurs="0" type="xs:gYear" />
- <xs:element name="BudgetAccounts" minOccurs="0">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="BudgetAccount" minOccurs="0"
    maxOccurs="unbounded">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="AccountClass" minOccurs="0">
- <xs:simpleType>
- <xs:restriction base="xs:token">
    <xs:enumeration value="Revenue" />
    <xs:enumeration value="Expenditure" />
    <xs:enumeration value="Other" />
</xs:restriction>

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        </xs:simpleType>
    </xs:element>
    <xs:element name="FundBreakdown" minOccurs="0"
        nillable="true" type="xs:normalizedString" />
    <xs:element name="FunctionBreakdown"
        minOccurs="0" type="xs:normalizedString" />
    <xs:element name="ObjectBreakdown"
        minOccurs="0" nillable="true"
        type="xs:normalizedString" />
    <xs:element name="BudgetAmount" minOccurs="0"
        type="xs:unsignedInt" />
    </xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
    type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
    type="sif:SIF_ExtendedElementsType">
- <xs:unique name="SIF_ExtendedElementsKey47">
    <xs:selector xpath="./sif:SIF_ExtendedElement" />
    <xs:field xpath="@Name" />
</xs:unique>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:element name="FinancialBudget" type="sif:FinancialBudgetType" />
<!-- TimeWorked -->
- <xs:complexType name="TimeWorkedType">
- <xs:sequence>
    <xs:element name="EmployeePersonalRefId" minOccurs="0"
        type="sif:IdRefType" />
    <xs:element name="LocationInfoRefId" minOccurs="0"
        type="sif:IdRefType" />
- <xs:element name="JobFunction" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
    <xs:element name="Code" minOccurs="0"
        type="sif:NCES0568FunctionTypeType" />
    <xs:element name="OtherCodeList" minOccurs="0"
        nillable="true" type="sif:OtherCodeListType" />
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="RegularHours" minOccurs="0" type="xs:decimal" />
<xs:element name="OvertimeHours" minOccurs="0" type="xs:decimal" />
<xs:element name="PayPeriod" minOccurs="0"
    type="xs:normalizedString" />
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
    type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"

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type="sif:SIF_ExtendedElementsType">
  - <xs:unique name="SIF_ExtendedElementsKey48">
    <xs:selector xpath="/sif:SIF_ExtendedElement" />
    <xs:field xpath="@Name" />
  </xs:unique>
</xs:element>
</xs:sequence>
<xs:attribute name="RefId" use="required" type="sif:RefIdType" />
</xs:complexType>
- <xs:element name="TimeWorked" type="sif:TimeWorkedType">
- <xs:unique name="TimeWorkedKey1">
  <xs:selector xpath="." />
  <xs:field xpath="@RefId" />
</xs:unique>
</xs:element>
<!-- VendorInfo -->
- <xs:complexType name="VendorInfoType">
- <xs:sequence>
  <xs:element name="Name" minOccurs="0" type="xs:normalizedString" />
  <xs:element name="ContactInfo" minOccurs="0" nillable="true"
    type="sif:ContactInfoType" />
  <xs:element name="CustomerId" minOccurs="0" nillable="true"
    type="xs:normalizedString" />
  <xs:element name="EmployeePersonalRefId" minOccurs="0" nillable="true"
    type="sif:IdRefType" />
  <xs:element name="Send1099" minOccurs="0" nillable="true"
    type="xs:boolean" />
- <xs:element name="FederalTaxId" minOccurs="0" nillable="true">
  - <xs:complexType>
    - <xs:simpleContent>
      - <xs:extension base="xs:normalizedString">
        - <xs:attribute name="Code" use="required">
          - <xs:simpleType>
            - <xs:restriction base="xs:token">
              <xs:enumeration value="EIN" />
              <xs:enumeration value="SSNO" />
              <xs:enumeration value="ITIN" />
              <xs:enumeration value="ATIN" />
              <xs:enumeration value="OTHER" />
            </xs:restriction>
          </xs:simpleType>
        </xs:attribute>
      </xs:extension>
    </xs:simpleContent>
  </xs:complexType>
</xs:element>
  <xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
    type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
  - <xs:unique name="SIF_ExtendedElementsKey49">
    <xs:selector xpath="/sif:SIF_ExtendedElement" />

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        <xs:field xpath="@Name" />
      </xs:unique>
    </xs:element>
  </xs:sequence>
  <xs:attribute name="RefId" use="required" type="sif:RefIdType" />
</xs:complexType>
- <xs:element name="VendorInfo" type="sif:VendorInfoType">
- <xs:unique name="VendorInfoKey1">
  <xs:selector xpath="." />
  <xs:field xpath="@RefId" />
</xs:unique>
</xs:element>
<!-- W4 -->
- <xs:complexType name="W4Type">
- <xs:sequence>
  <xs:element name="W4Date" minOccurs="0" type="xs:date" />
  - <xs:element name="MaritalStatusRate" minOccurs="0">
    - <xs:simpleType>
      - <xs:restriction base="xs:token">
        <xs:enumeration value="Married" />
        <xs:enumeration value="Single" />
        <xs:enumeration value="MarriedSingleRate" />
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="FederalAllowancesNumber" minOccurs="0"
    type="xs:unsignedInt" />
  <xs:element name="StateAllowancesNumber" minOccurs="0"
    nillable="true" type="xs:unsignedInt" />
  <xs:element ref="sif:StateProvince" minOccurs="0" />
  <xs:element name="Exempt" minOccurs="0" type="xs:boolean" />
  <xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
    type="sif:SIF_MetadataType" />
  - <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
    type="sif:SIF_ExtendedElementsType">
    - <xs:unique name="SIF_ExtendedElementsKey50">
      <xs:selector xpath="./sif:SIF_ExtendedElement" />
      <xs:field xpath="@Name" />
    </xs:unique>
  </xs:element>
</xs:sequence>
  <xs:attribute name="EmployeePersonalRefId" use="required"
    type="sif:IdRefType" />
</xs:complexType>
- <xs:element name="W4" type="sif:W4Type">
- <xs:unique name="W4Key1">
  <xs:selector xpath="." />
  <xs:field xpath="@EmployeePersonalRefId" />
</xs:unique>
</xs:element>
<!-- EmployeeWage -->
- <xs:complexType name="EmployeeWageType">

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```

- <xs:sequence>
- <xs:element name="PayRates" minOccurs="0">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="PayRate" minOccurs="0"
  maxOccurs="unbounded">
- <xs:complexType>
- <xs:sequence>
  <xs:element name="Amount" minOccurs="0"
    type="sif:MonetaryAmountType" />
  <xs:element name="Percentage" minOccurs="0"
    type="xs:decimal" />
</xs:sequence>
- <xs:attribute name="Type" use="required">
- <xs:simpleType>
- <xs:restriction base="xs:token">
  <xs:enumeration value="P" />
  <xs:enumeration value="H" />
  <xs:enumeration value="D" />
  <xs:enumeration value="X" />
</xs:restriction>
</xs:simpleType>
</xs:attribute>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
  type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
- <xs:unique name="SIF_ExtendedElementsKey51">
  <xs:selector xpath="./sif:SIF_ExtendedElement" />
  <xs:field xpath="@Name" />
</xs:unique>
</xs:element>
</xs:sequence>
<xs:attribute name="RefId" use="required" type="sif:RefIdType" />
<xs:attribute name="EmployeePersonalRefId" use="required"
  type="sif:IdRefType" />
</xs:complexType>
- <xs:element name="EmployeeWage" type="sif:EmployeeWageType">
- <xs:unique name="EmployeeWageKey1">
  <xs:selector xpath="." />
  <xs:field xpath="@RefId" />
</xs:unique>
</xs:element>
<!-- LocationInfo -->
- <xs:complexType name="LocationInfoType">
- <xs:sequence>
  <xs:element name="SiteCategory" minOccurs="0"

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type="xs:normalizedString" />
  <xs:element name="Name" minOccurs="0" type="xs:normalizedString" />
  <xs:element name="Description" minOccurs="0" nillable="true"
    type="xs:string" />
  <xs:element ref="sif:LocalId" minOccurs="0" />
  <xs:element name="IdentificationInfoList" minOccurs="0" nillable="true"
    type="sif:IdentificationInfoListType" />
  <xs:element name="StateProvinceId" minOccurs="0" nillable="true"
    type="sif:StateProvinceIdType" />
  <xs:element name="NCESId" minOccurs="0" nillable="true"
    type="sif:NCESIdType" />
  <xs:element name="LEAInfoRefId" minOccurs="0" nillable="true"
    type="sif:IdRefType" />
- <xs:element name="OtherLEAs" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
  <xs:element name="LEAInfoRefId" minOccurs="0"
    maxOccurs="unbounded" type="sif:IdRefType" />
</xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="ParentLocationInfo" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:simpleContent>
- <xs:extension base="sif:IdRefTypeOrEmpty">
- <xs:attribute name="SIF_RefObject" use="required">
- <xs:simpleType>
- <xs:restriction base="xs:token">
  <xs:enumeration value="LocationInfo" />
</xs:restriction>
</xs:simpleType>
</xs:attribute>
</xs:extension>
</xs:simpleContent>
</xs:complexType>
</xs:element>
<xs:element name="SchoolInfoRefId" minOccurs="0" nillable="true"
  type="sif:IdRefType" />
- <xs:element name="AddressList" minOccurs="0" nillable="true"
  type="sif:AddressListType">
- <xs:unique name="AddressListKey11">
  <xs:selector xpath="/sif:Address" />
  <xs:field xpath="@Type" />
</xs:unique>
</xs:element>
- <xs:element name="PhoneNumberList" minOccurs="0" nillable="true"
  type="sif:PhoneNumberListType">
- <xs:unique name="PhoneNumberListKey12">
  <xs:selector xpath="/sif:PhoneNumber" />
  <xs:field xpath="@Type" />
</xs:unique>
</xs:element>
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"

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type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
  - <xs:unique name="SIF_ExtendedElementsKey52">
    <xs:selector xpath="/sif:SIF_ExtendedElement" />
    <xs:field xpath="@Name" />
  </xs:unique>
</xs:element>
</xs:sequence>
<xs:attribute name="RefId" use="required" type="sif:RefIdType" />
- <xs:attribute name="LocationType" use="required">
  - <xs:simpleType>
    - <xs:restriction base="xs:token">
      <xs:enumeration value="School" />
      <xs:enumeration value="NonSchool" />
    </xs:restriction>
  </xs:simpleType>
</xs:attribute>
</xs:complexType>
- <xs:element name="LocationInfo" type="sif:LocationInfoType">
  - <xs:unique name="LocationInfoKey1">
    <xs:selector xpath="." />
    <xs:field xpath="@RefId" />
  </xs:unique>
</xs:element>
<!-- Purchasing -->
- <xs:complexType name="PurchasingType">
  - <xs:sequence>
    - <xs:element name="FormType" minOccurs="0">
      - <xs:simpleType>
        - <xs:restriction base="xs:token">
          <xs:enumeration value="PO" />
          <xs:enumeration value="REQ" />
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="FormNumber" minOccurs="0"
      type="xs:normalizedString" />
    <xs:element name="FiscalYearRefId" minOccurs="0" nillable="true"
      type="sif:IdRefType" />
    <xs:element name="VendorInfoRefId" minOccurs="0" nillable="true"
      type="sif:IdRefType" />
    <xs:element name="LocationInfoRefId" minOccurs="0" nillable="true"
      type="sif:IdRefType" />
    <xs:element name="EmployeePersonalRefId" minOccurs="0" nillable="true"
      type="sif:IdRefType" />
  - <xs:element name="PurchasingItems" minOccurs="0">
    - <xs:complexType>
      - <xs:sequence>
        - <xs:element name="PurchasingItem" minOccurs="0"
          maxOccurs="unbounded">
          - <xs:complexType>

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- <xs:sequence>
  <xs:element name="ItemNumber" minOccurs="0"
    nillable="true" type="xs:normalizedString" />
  <xs:element name="ItemDescription" minOccurs="0"
    type="xs:string" />
  <xs:element name="Quantity" minOccurs="0"
    nillable="true" type="xs:normalizedString" />
  <xs:element name="UnitCost" minOccurs="0"
    nillable="true" type="sif:MonetaryAmountType" />
- <xs:element name="ExpenseAccounts"
  minOccurs="0" nillable="true">
  - <xs:complexType>
    - <xs:sequence>
      - <xs:element name="ExpenseAccount"
        minOccurs="0"
        maxOccurs="unbounded">
        - <xs:complexType>
          - <xs:sequence>
            <xs:element
              name="AccountCode"
              minOccurs="0"
              type="xs:token" />
            <xs:element name="Amount"
              minOccurs="0"
              type="sif:MonetaryAmountType" />
            </xs:sequence>
          </xs:complexType>
        </xs:element>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
    type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
  - <xs:unique name="SIF_ExtendedElementsKey53">
    <xs:selector xpath="./sif:SIF_ExtendedElement" />
    <xs:field xpath="@Name" />
  </xs:unique>
</xs:element>
</xs:sequence>
<xs:attribute name="RefId" use="required" type="sif:RefIdType" />
</xs:complexType>
- <xs:element name="Purchasing" type="sif:PurchasingType">
  - <xs:unique name="PurchasingKey1">
    <xs:selector xpath="." />
    <xs:field xpath="@RefId" />

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    </xs:unique>
  </xs:element>
  <!-- AccountingPeriod -->
- <xs:complexType name="AccountingPeriodType">
- <xs:sequence>
  <xs:element name="Name" minOccurs="0" type="xs:normalizedString" />
  <xs:element name="Description" minOccurs="0" nillable="true"
    type="xs:string" />
  <xs:element name="FiscalYearRefId" minOccurs="0"
    type="sif:IdRefType" />
  <xs:element name="StartDate" minOccurs="0" type="xs:date" />
  <xs:element name="EndDate" minOccurs="0" type="xs:date" />
  <xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
    type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
- <xs:unique name="SIF_ExtendedElementsKey54">
  <xs:selector xpath="./sif:SIF_ExtendedElement" />
  <xs:field xpath="@Name" />
  </xs:unique>
  </xs:element>
</xs:sequence>
  <xs:attribute name="RefId" use="required" type="sif:RefIdType" />
</xs:complexType>
- <xs:element name="AccountingPeriod" type="sif:AccountingPeriodType">
- <xs:unique name="AccountingPeriodKey1">
  <xs:selector xpath="." />
  <xs:field xpath="@RefId" />
  </xs:unique>
</xs:element>
  <!-- FinancialAccount -->
- <xs:complexType name="FinancialAccountType">
- <xs:sequence>
  <xs:element name="AccountNumber" minOccurs="0"
    type="xs:normalizedString" />
  <xs:element name="Name" minOccurs="0" type="xs:normalizedString" />
  <xs:element name="Description" minOccurs="0" nillable="true"
    type="xs:string" />
  <xs:element name="FinancialClassRefId" minOccurs="0"
    type="sif:IdRefType" />
  <xs:element name="CreationDate" minOccurs="0" type="xs:date" />
  <xs:element name="CreationTime" minOccurs="0" type="xs:time" />
  <xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
    type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
- <xs:unique name="SIF_ExtendedElementsKey55">
  <xs:selector xpath="./sif:SIF_ExtendedElement" />
  <xs:field xpath="@Name" />
  </xs:unique>
  </xs:element>
</xs:sequence>
  <xs:attribute name="RefId" use="required" type="sif:RefIdType" />

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</xs:complexType>
- <xs:element name="FinancialAccount" type="sif:FinancialAccountType">
- <xs:unique name="FinancialAccountKey1">
  <xs:selector xpath="." />
  <xs:field xpath="@RefId" />
</xs:unique>
</xs:element>
<!-- FinancialAccountAccountingPeriodLocationInfo -->
- <xs:complexType name="FinancialAccountAccountingPeriodLocationInfoType">
- <xs:sequence>
  <xs:element name="FinancialAccountRefId" minOccurs="0"
    type="sif:IdRefType" />
  <xs:element name="AccountingPeriodRefId" minOccurs="0"
    type="sif:IdRefType" />
  <xs:element name="LocationInfoRefId" minOccurs="0"
    type="sif:IdRefType" />
  <xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
    type="sif:SIF_MetadataType" />
  - <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
    type="sif:SIF_ExtendedElementsType">
  - <xs:unique name="SIF_ExtendedElementsKey56">
    <xs:selector xpath="./sif:SIF_ExtendedElement" />
    <xs:field xpath="@Name" />
  </xs:unique>
  </xs:element>
</xs:sequence>
  <xs:attribute name="RefId" use="required" type="sif:RefIdType" />
</xs:complexType>
- <xs:element name="FinancialAccountAccountingPeriodLocationInfo"
  type="sif:FinancialAccountAccountingPeriodLocationInfoType">
- <xs:unique name="FinancialAccountAccountingPeriodLocationInfoKey1">
  <xs:selector xpath="." />
  <xs:field xpath="@RefId" />
</xs:unique>
</xs:element>
<!-- FinancialClass -->
- <xs:complexType name="FinancialClassType">
- <xs:sequence>
  <xs:element name="Name" minOccurs="0" type="xs:normalizedString" />
  <xs:element name="Description" minOccurs="0" nillable="true"
    type="xs:string" />
  - <xs:element name="ClassType" minOccurs="0">
  - <xs:simpleType>
  - <xs:restriction base="xs:token">
    <xs:enumeration value="Asset" />
    <xs:enumeration value="Liability" />
    <xs:enumeration value="Revenue" />
    <xs:enumeration value="Expense" />
  </xs:restriction>
  </xs:simpleType>
  </xs:element>
  <xs:element name="SIF_Metadata" minOccurs="0" nillable="true"

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type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
  - <xs:unique name="SIF_ExtendedElementsKey57">
    <xs:selector xpath="/sif:SIF_ExtendedElement" />
    <xs:field xpath="@Name" />
  </xs:unique>
</xs:element>
</xs:sequence>
<xs:attribute name="RefId" use="required" type="sif:RefIdType" />
</xs:complexType>
- <xs:element name="FinancialClass" type="sif:FinancialClassType">
  - <xs:unique name="FinancialClassKey1">
    <xs:selector xpath="." />
    <xs:field xpath="@RefId" />
  </xs:unique>
</xs:element>
<!-- FinancialIncomeStatement -->
- <xs:complexType name="FinancialIncomeStatementType">
  - <xs:sequence>
    <xs:element name="GenerationDate" minOccurs="0" type="xs:date" />
    <xs:element name="GenerationTime" minOccurs="0" type="xs:time" />
    <xs:element name="LocationInfoRefId" minOccurs="0"
      type="sif:IdRefType" />
  - <xs:element name="Period" minOccurs="0">
    - <xs:complexType>
      - <xs:sequence>
        <xs:element name="StartDate" minOccurs="0" type="xs:date" />
        <xs:element name="EndDate" minOccurs="0" type="xs:date" />
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  - <xs:element name="Amounts" minOccurs="0">
    - <xs:complexType>
      - <xs:sequence>
        - <xs:element name="Amount" minOccurs="0"
          maxOccurs="unbounded">
          - <xs:complexType>
            - <xs:simpleContent>
              - <xs:extension base="sif:MonetaryAmountType">
                <xs:attribute
                  name="FinancialAccountAccountingPeriodLocationInfoRefId"
                  use="required" type="sif:IdRefType" />
                <xs:attribute name="FinancialClassRefId"
                  use="required" type="sif:IdRefType" />
              </xs:extension>
            </xs:simpleContent>
          </xs:complexType>
        </xs:element>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
</xs:complexType>
</xs:element>

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<xs:element name="Program" minOccurs="0" nillable="true"
  type="sif:ProgramType" />
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
  type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
- <xs:unique name="SIF_ExtendedElementsKey58">
  <xs:selector xpath="./sif:SIF_ExtendedElement" />
  <xs:field xpath="@Name" />
  </xs:unique>
</xs:element>
</xs:sequence>
<xs:attribute name="RefId" use="required" type="sif:RefIdType" />
</xs:complexType>
- <xs:element name="FinancialIncomeStatement"
  type="sif:FinancialIncomeStatementType">
- <xs:unique name="FinancialIncomeStatementKey1">
  <xs:selector xpath="." />
  <xs:field xpath="@RefId" />
  </xs:unique>
</xs:element>
<!-- FinancialTransaction -->
- <xs:complexType name="FinancialTransactionType">
- <xs:sequence>
  <xs:element name="TransactionDate" minOccurs="0" type="xs:date" />
  <xs:element name="TransactionTime" minOccurs="0" type="xs:time" />
- <xs:element name="Amounts" minOccurs="0">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="Amount" minOccurs="0"
  maxOccurs="unbounded">
- <xs:complexType>
- <xs:simpleContent>
- <xs:extension base="sif:MonetaryAmountType">
  <xs:attribute
    name="FinancialAccountAccountingPeriodLocationInfoRefId"
    use="required" type="sif:IdRefType" />
- <xs:attribute name="Type" use="required">
- <xs:simpleType>
- <xs:restriction base="xs:token">
  <xs:enumeration value="Debit" />
  <xs:enumeration value="Credit" />
  </xs:restriction>
</xs:simpleType>
</xs:attribute>
</xs:extension>
</xs:simpleContent>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>

```

```

<xs:element name="Program" minOccurs="0" nillable="true"
  type="sif:ProgramType" />
<xs:element name="Description" minOccurs="0" nillable="true"
  type="xs:string" />
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
  type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
  - <xs:unique name="SIF_ExtendedElementsKey59">
    <xs:selector xpath="./sif:SIF_ExtendedElement" />
    <xs:field xpath="@Name" />
  </xs:unique>
</xs:element>
</xs:sequence>
<xs:attribute name="RefId" use="required" type="sif:RefIdType" />
</xs:complexType>
- <xs:element name="FinancialTransaction" type="sif:FinancialTransactionType">
- <xs:unique name="FinancialTransactionKey1">
  <xs:selector xpath="." />
  <xs:field xpath="@RefId" />
</xs:unique>
</xs:element>
<!-- FiscalYear -->
- <xs:complexType name="FiscalYearType">
- <xs:sequence>
  <xs:element name="Description" minOccurs="0" nillable="true"
    type="xs:string" />
  <xs:element name="StartDate" minOccurs="0" type="xs:date" />
  <xs:element name="EndDate" minOccurs="0" type="xs:date" />
  <xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
    type="sif:SIF_MetadataType" />
  - <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
    type="sif:SIF_ExtendedElementsType">
    - <xs:unique name="SIF_ExtendedElementsKey60">
      <xs:selector xpath="./sif:SIF_ExtendedElement" />
      <xs:field xpath="@Name" />
    </xs:unique>
  </xs:element>
</xs:sequence>
  <xs:attribute name="RefId" use="required" type="sif:RefIdType" />
</xs:complexType>
- <xs:element name="FiscalYear" type="sif:FiscalYearType">
- <xs:unique name="FiscalYearKey1">
  <xs:selector xpath="." />
  <xs:field xpath="@RefId" />
</xs:unique>
</xs:element>
<!-- ProfessionalDevelopmentWorkingGroup -->
<!-- ActivityProvider -->
- <xs:complexType name="ActivityProviderType">
- <xs:sequence>
  <xs:element ref="sif:LocalId" minOccurs="0" />

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<xs:element name="StateProvinceId" minOccurs="0" nillable="true"
  type="sif:StateProvinceIdType" />
<xs:element name="Name" minOccurs="0" type="xs:normalizedString" />
<xs:element name="Address" minOccurs="0" nillable="true"
  type="sif:AddressType" />
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
  type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
- <xs:unique name="SIF_ExtendedElementsKey61">
  <xs:selector xpath="/sif:SIF_ExtendedElement" />
  <xs:field xpath="@Name" />
</xs:unique>
</xs:element>
</xs:sequence>
<xs:attribute name="RefId" use="required" type="sif:RefIdType" />
</xs:complexType>
- <xs:element name="ActivityProvider" type="sif:ActivityProviderType">
- <xs:unique name="ActivityProviderKey1">
  <xs:selector xpath="." />
  <xs:field xpath="@RefId" />
</xs:unique>
</xs:element>
<!-- EmployeeCredit -->
- <xs:complexType name="EmployeeCreditType">
- <xs:sequence>
  <xs:element name="EndDate" minOccurs="0" type="xs:date" />
- <xs:element name="Earned" minOccurs="0">
- <xs:complexType>
- <xs:simpleContent>
- <xs:extension base="sif:XSDDecimalOrEmpty">
- <xs:attribute name="Type" use="required">
- <xs:simpleType>
- <xs:restriction base="xs:token">
  <xs:enumeration value="Hours" />
  <xs:enumeration value="Credits" />
</xs:restriction>
</xs:simpleType>
</xs:attribute>
</xs:extension>
</xs:simpleContent>
</xs:complexType>
</xs:element>
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
  type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
- <xs:unique name="SIF_ExtendedElementsKey62">
  <xs:selector xpath="/sif:SIF_ExtendedElement" />
  <xs:field xpath="@Name" />
</xs:unique>
</xs:element>

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```

</xs:sequence>
<xs:attribute name="RefId" use="required" type="sif:RefIdType" />
<xs:attribute name="EmployeePersonalRefId" use="required"
  type="sif:IdRefType" />
<xs:attribute name="ProfessionalDevelopmentActivitiesRefId" use="required"
  type="sif:IdRefType" />
</xs:complexType>
- <xs:element name="EmployeeCredit" type="sif:EmployeeCreditType">
- <xs:unique name="EmployeeCreditKey1">
  <xs:selector xpath="." />
  <xs:field xpath="@RefId" />
</xs:unique>
</xs:element>
<!-- EmployeeRecertification -->
- <xs:complexType name="EmployeeRecertificationType">
- <xs:sequence>
  <xs:element name="StateProvinceId" minOccurs="0" nillable="true"
    type="sif:StateProvinceIdType" />
  <xs:element name="SSN" minOccurs="0" nillable="true"
    type="sif:SSNType" />
  <xs:element ref="sif:Name" minOccurs="0" />
  <xs:element name="Demographics" minOccurs="0" nillable="true"
    type="sif:DemographicsType" />
  <xs:element name="ActivityName" minOccurs="0"
    type="xs:normalizedString" />
- <xs:element name="ActivityType" minOccurs="0">
- <xs:simpleType>
  - <xs:restriction base="xs:token">
    <xs:enumeration value="Course" />
    <xs:enumeration value="Activity" />
    <xs:enumeration value="Other" />
  </xs:restriction>
</xs:simpleType>
</xs:element>
  <xs:element name="ActivityHours" minOccurs="0" type="xs:decimal" />
- <xs:element name="Earned" minOccurs="0">
- <xs:complexType>
  - <xs:simpleContent>
    - <xs:extension base="sif:XSDecimalOrEmpty">
      - <xs:attribute name="Type" use="required">
        - <xs:simpleType>
          - <xs:restriction base="xs:token">
            <xs:enumeration value="Hours" />
            <xs:enumeration value="Credits" />
          </xs:restriction>
        </xs:simpleType>
      </xs:attribute>
    </xs:extension>
  </xs:simpleContent>
</xs:complexType>
</xs:element>
  <xs:element name="DateFrom" minOccurs="0" type="xs:date" />

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<xs:element name="DateTo" minOccurs="0" type="xs:date" />
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
  type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
- <xs:unique name="SIF_ExtendedElementsKey63">
  <xs:selector xpath="./sif:SIF_ExtendedElement" />
  <xs:field xpath="@Name" />
</xs:unique>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:element name="EmployeeRecertification"
  type="sif:EmployeeRecertificationType" />
<!-- EmployeeCredential -->
- <xs:complexType name="EmployeeCredentialType">
- <xs:sequence>
  <xs:element name="ReportDate" minOccurs="0" type="xs:date" />
  <xs:element ref="sif:SchoolYear" minOccurs="0" />
  <xs:element ref="sif:StateProvinceId" minOccurs="0" />
  <xs:element name="SSN" minOccurs="0" type="xs:normalizedString" />
  <xs:element ref="sif:Name" minOccurs="0" />
  <xs:element name="Demographics" minOccurs="0" nillable="true"
    type="sif:DemographicsType" />
  <xs:element name="Race" minOccurs="0"
    type="sif:NCES0849RaceType" />
- <xs:element name="Hispanic" minOccurs="0" nillable="true">
- <xs:simpleType>
  - <xs:restriction base="xs:token">
    <xs:enumeration value="Yes" />
    <xs:enumeration value="No" />
  </xs:restriction>
</xs:simpleType>
</xs:element>
- <xs:element name="Certifications" minOccurs="0">
- <xs:complexType>
- <xs:sequence>
  - <xs:element name="Certification" minOccurs="0"
    maxOccurs="unbounded">
  - <xs:complexType>
  - <xs:sequence>
    <xs:element name="Description" minOccurs="0"
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    <xs:element name="AreaAuthorized" minOccurs="0"
      nillable="true"
      type="sif:NCES0421TeachingFieldOrAreaAuthorizedType" />
  </xs:sequence>
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  </xs:element>
  </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="Salary" minOccurs="0"

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type="sif:MonetaryAmountType" />
  <xs:element name="Status" minOccurs="0"
    type="sif:NCES0613EmploymentStatusType" />
- <xs:element name="Leave" minOccurs="0">
  - <xs:simpleType>
    - <xs:restriction base="xs:token">
      <xs:enumeration value="Yes" />
      <xs:enumeration value="No" />
    </xs:restriction>
  </xs:simpleType>
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<xs:element name="UnitYears" minOccurs="0" type="xs:decimal" />
<xs:element name="Education" minOccurs="0"
  type="sif:NCES0395TeachingCredentialBasisType" />
<xs:element name="TeachingCredentialType" minOccurs="0"
  maxOccurs="unbounded"
  type="sif:NCES0394TeachingCredentialTypeType" />
<xs:element name="TerminationCode" minOccurs="0" nillable="true"
  type="sif:NCES0434EmploymentSeparationReasonType" />
- <xs:element name="BackgroundChecks" minOccurs="0" nillable="true">
  - <xs:complexType>
    - <xs:sequence>
      - <xs:element name="BackgroundCheck" minOccurs="0"
        maxOccurs="unbounded">
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          - <xs:sequence>
            <xs:element name="Type" minOccurs="0"
              type="sif:NCES0401BackgroundCheckTypeType" />
            <xs:element name="Date" minOccurs="0"
              type="xs:date" />
            <xs:element name="Description" minOccurs="0"
              nillable="true" type="xs:string" />
          </xs:sequence>
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
- <xs:element name="Assignments" minOccurs="0">
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    - <xs:sequence>
      - <xs:element name="Assignment" minOccurs="0"
        maxOccurs="unbounded">
        - <xs:complexType>
          - <xs:sequence>
            <xs:element name="SchoolInfoRefId" minOccurs="0"
              type="sif:IdRefType" />
            <xs:element ref="sif:GradeLevels" minOccurs="0" />
            - <xs:element name="JobFunction" minOccurs="0"
              nillable="true">
              - <xs:complexType>
                - <xs:sequence>

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        <xs:element name="Code" minOccurs="0"
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            type="sif:OtherCodeListType" />
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</xs:sequence>
</xs:complexType>
</xs:element>
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    type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
    type="sif:SIF_ExtendedElementsType">
    - <xs:unique name="SIF_ExtendedElementsKey64">
        <xs:selector xpath="/sif:SIF_ExtendedElement" />
        <xs:field xpath="@Name" />
    </xs:unique>
</xs:element>
</xs:sequence>
</xs:complexType>
<xs:element name="EmployeeCredential" type="sif:EmployeeCredentialType" />
<!-- ProfessionalDevelopmentActivities -->
- <xs:complexType name="ProfessionalDevelopmentActivitiesType">
- <xs:sequence>
    <xs:element name="ProfessionalDevelopmentProgramRefId"
        minOccurs="0" nillable="true" type="sif:IdRefType" />
    - <xs:element name="LearningStandardItems" minOccurs="0"
        nillable="true">
        - <xs:complexType>
            - <xs:sequence>
                <xs:element name="LearningStandardItemRefId"
                    minOccurs="0" maxOccurs="unbounded"
                    type="sif:IdRefType" />
            </xs:sequence>
        </xs:complexType>
    </xs:element>
    <xs:element ref="sif:LocalId" minOccurs="0" />
    <xs:element name="StartDate" minOccurs="0" type="xs:date" />
    <xs:element name="EndDate" minOccurs="0" type="xs:date" />
    <xs:element name="Description" minOccurs="0" type="xs:string" />
    <xs:element name="ClockHours" minOccurs="0" type="xs:decimal" />
    <xs:element name="Credits" minOccurs="0" nillable="true"
        type="xs:decimal" />
    <xs:element name="Stipend" minOccurs="0" nillable="true"
        type="sif:MonetaryAmountType" />
    <xs:element name="FundingSource" minOccurs="0" nillable="true"

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type="xs:string" />
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    type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
  - <xs:unique name="SIF_ExtendedElementsKey65">
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    <xs:field xpath="@Name" />
  </xs:unique>
</xs:element>
</xs:sequence>
<xs:attribute name="RefId" use="required" type="sif:RefIdType" />
<xs:attribute name="ActivityProviderRefId" use="required"
  type="sif:IdRefType" />
</xs:complexType>
- <xs:element name="ProfessionalDevelopmentActivities"
  type="sif:ProfessionalDevelopmentActivitiesType">
  - <xs:unique name="ProfessionalDevelopmentActivitiesKey1">
    <xs:selector xpath="." />
    <xs:field xpath="@RefId" />
  </xs:unique>
</xs:element>
<!-- ProfessionalDevelopmentProgram -->
- <xs:complexType name="ProfessionalDevelopmentProgramType">
- <xs:sequence>
  - <xs:element name="LearningStandardItems" minOccurs="0"
    nillable="true">
  - <xs:complexType>
  - <xs:sequence>
    <xs:element name="LearningStandardItemRefId"
      minOccurs="0" maxOccurs="unbounded"
      type="sif:IdRefType" />
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  </xs:complexType>
</xs:element>
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<xs:element name="ProgramName" minOccurs="0"
  type="xs:normalizedString" />
<xs:element name="ProgramType" minOccurs="0"
  type="xs:normalizedString" />
<xs:element name="FundingSource" minOccurs="0" nillable="true"
  type="xs:string" />
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
  type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
  - <xs:unique name="SIF_ExtendedElementsKey66">
    <xs:selector xpath="/sif:SIF_ExtendedElement" />
    <xs:field xpath="@Name" />
  </xs:unique>
</xs:element>
</xs:sequence>

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    <xs:attribute name="RefId" use="required" type="sif:RefIdType" />
  </xs:complexType>
- <xs:element name="ProfessionalDevelopmentProgram"
  type="sif:ProfessionalDevelopmentProgramType">
- <xs:unique name="ProfessionalDevelopmentProgramKey1">
  <xs:selector xpath="." />
  <xs:field xpath="@RefId" />
</xs:unique>
</xs:element>
<!-- ProfessionalDevelopmentRegistration -->
- <xs:complexType name="ProfessionalDevelopmentRegistrationType">
- <xs:sequence>
- <xs:element name="RegistrationStatus" minOccurs="0">
- <xs:simpleType>
- <xs:restriction base="xs:token">
  <xs:enumeration value="Registered" />
  <xs:enumeration value="Withdrawn" />
  <xs:enumeration value="Complete" />
  <xs:enumeration value="Incomplete" />
  <xs:enumeration value="In Progress" />
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="ProfessionalDevelopmentActivityRefId"
  minOccurs="0" nillable="true" type="sif:IdRefType" />
<xs:element name="ProfessionalDevelopmentProgramRefId"
  minOccurs="0" nillable="true" type="sif:IdRefType" />
<xs:element name="PaidAmount" minOccurs="0" nillable="true"
  type="sif:MonetaryAmountType" />
<xs:element name="Stipend" minOccurs="0" nillable="true"
  type="sif:MonetaryAmountType" />
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
  type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
- <xs:unique name="SIF_ExtendedElementsKey67">
  <xs:selector xpath="./sif:SIF_ExtendedElement" />
  <xs:field xpath="@Name" />
</xs:unique>
</xs:element>
</xs:sequence>
<xs:attribute name="RefId" use="required" type="sif:RefIdType" />
<xs:attribute name="EmployeePersonalRefId" use="required"
  type="sif:IdRefType" />
</xs:complexType>
- <xs:element name="ProfessionalDevelopmentRegistration"
  type="sif:ProfessionalDevelopmentRegistrationType">
- <xs:unique name="ProfessionalDevelopmentRegistrationKey1">
  <xs:selector xpath="." />
  <xs:field xpath="@RefId" />
</xs:unique>
</xs:element>
<!-- SpecialProgramsWorkingGroup -->

```

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<!-- StudentParticipation -->
- <xs:complexType name="StudentParticipationType">
- <xs:sequence>
  <xs:element name="StudentParticipationAsOfDate" minOccurs="0"
    type="xs:date" />
  <xs:element ref="sif:ProgramType" minOccurs="0" />
- <xs:element name="ProgramFundingSources" minOccurs="0"
  nillable="true">
- <xs:complexType>
- <xs:sequence>
  - <xs:element name="ProgramFundingSource" minOccurs="0"
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  - <xs:complexType>
  - <xs:sequence>
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    - <xs:union>
    - <xs:simpleType>
    - <xs:restriction
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      <xs:enumeration value="0797" />
      <xs:enumeration value="0617" />
      <xs:enumeration value="0622" />
      <xs:enumeration value="0654" />
      <xs:enumeration value="9999" />
    </xs:restriction>
    </xs:simpleType>
  - <xs:simpleType>
  - <xs:restriction base="xs:token">
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    <xs:enumeration value="S002" />
    <xs:enumeration value="S003" />
    <xs:enumeration value="S004" />
    <xs:enumeration value="S005" />
    <xs:enumeration value="S006" />
    <xs:enumeration value="S007" />
    <xs:enumeration value="S008" />
    <xs:enumeration value="S009" />
    <xs:enumeration value="S010" />
    <xs:enumeration value="S011" />
    <xs:enumeration value="S012" />
    <xs:enumeration value="S013" />
    <xs:enumeration value="S014" />
    <xs:enumeration value="S015" />
    <xs:enumeration value="S016" />
    <xs:enumeration value="S017" />
    <xs:enumeration value="S018" />
    <xs:enumeration value="S019" />
    <xs:enumeration value="S020" />
    <xs:enumeration value="S021" />
    <xs:enumeration value="S022" />
    <xs:enumeration value="S023" />
  
```

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        <xs:enumeration value="S024" />
        <xs:enumeration value="S025" />
        <xs:enumeration value="S026" />
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</xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="ManagingPublicAgency" minOccurs="0"
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- <xs:complexType>
- <xs:simpleContent>
- <xs:extension base="sif:IdRefTypeOrEmpty">
- <xs:attribute name="SIF_RefObject" use="required">
- <xs:simpleType>
- <xs:restriction base="xs:token">
    <xs:enumeration value="LEAInfo" />
</xs:restriction>
</xs:simpleType>
</xs:attribute>
</xs:extension>
</xs:simpleContent>
</xs:complexType>
</xs:element>
- <xs:element name="ManagingSchool" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:simpleContent>
- <xs:extension base="sif:IdRefTypeOrEmpty">
- <xs:attribute name="SIF_RefObject" use="required">
- <xs:simpleType>
- <xs:restriction base="xs:token">
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</xs:simpleType>
</xs:attribute>
</xs:extension>
</xs:simpleContent>
</xs:complexType>
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- <xs:element name="PartCTransitionMeetingNotHeldReasons"
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- <xs:complexType>
- <xs:sequence>
- <xs:element name="PartCTransitionMeetingNotHeldReason"

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minOccurs="0" maxOccurs="unbounded">
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    - <xs:sequence>
      - <xs:element name="Code" minOccurs="0">
        - <xs:simpleType>
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            <xs:enumeration value="S003" />
            <xs:enumeration value="S004" />
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="OtherCodeList" minOccurs="0"
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  </xs:complexType>
</xs:element>
<xs:element name="PartCTransitionMeetingDate" minOccurs="0"
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- <xs:element name="PartCTransitionMeetingOutcomes" minOccurs="0"
  nillable="true">
  - <xs:complexType>
    - <xs:sequence>
      - <xs:element name="PartCTransitionMeetingOutcome"
        minOccurs="0" maxOccurs="unbounded">
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          - <xs:sequence>
            - <xs:element name="Code" minOccurs="0">
              - <xs:simpleType>
                - <xs:restriction base="xs:token">
                  <xs:enumeration value="S001" />
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                  <xs:enumeration value="S003" />
                  <xs:enumeration value="S004" />
                  <xs:enumeration value="S005" />
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                </xs:restriction>
              </xs:simpleType>
            </xs:element>
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              nillable="true" type="sif:OtherCodeListType" />
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        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="ReferralDate" minOccurs="0" nillable="true"

```

```

type="xs:date" />
- <xs:element name="ReferralSource" minOccurs="0" nillable="true">
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<xs:element name="EvaluationDate" minOccurs="0" nillable="true"
  type="xs:date" />
<xs:element name="EvaluationExtensionDate" minOccurs="0"
  nillable="true" type="xs:date" />
<xs:element name="ExtensionComments" minOccurs="0" nillable="true"
  type="xs:string" />
<xs:element name="ReevaluationDate" minOccurs="0" nillable="true"
  type="xs:date" />
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  nillable="true" type="sif:ExceptionalityCategoriesType" />
<xs:element name="ProgramEligibilityDate" minOccurs="0" nillable="true"
  type="xs:date" />
- <xs:element name="ProgramPlanType" minOccurs="0" nillable="true">
  - <xs:complexType>
    - <xs:sequence>
      - <xs:element name="Code" minOccurs="0">
        - <xs:simpleType>
          - <xs:union>
            - <xs:simpleType>
              <xs:restriction
                base="sif:NCES0806IndividualizedProgramTypeType" />
            </xs:simpleType>
          - <xs:simpleType>
            - <xs:restriction base="xs:token">
              <xs:enumeration value="S001" />
              <xs:enumeration value="S002" />
              <xs:enumeration value="S003" />
              <xs:enumeration value="S004" />
              <xs:enumeration value="S005" />
              <xs:enumeration value="S006" />
            </xs:restriction>
          </xs:simpleType>
        </xs:union>
      </xs:simpleType>
    </xs:element>
    <xs:element name="OtherCodeList" minOccurs="0"

```

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        nillable="true" type="sif:OtherCodeListType" />
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="ProgramPlanDate" minOccurs="0" nillable="true"
    type="xs:date" />
  <xs:element name="ProgramPlanEffectiveDate" minOccurs="0"
    nillable="true" type="xs:date" />
  <xs:element name="NOREPDate" minOccurs="0" nillable="true"
    type="xs:date" />
  <xs:element name="PlacementParentalConsentDate" minOccurs="0"
    nillable="true" type="xs:date" />
  <xs:element name="ProgramPlacementDate" minOccurs="0" nillable="true"
    type="xs:date" />
- <xs:element name="LeastRestrictiveEnvironment" minOccurs="0"
  nillable="true">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="Code" minOccurs="0">
- <xs:simpleType>
- <xs:union>
- <xs:simpleType>
  <xs:restriction
    base="sif:NCES0307ServiceSettingType" />
  </xs:simpleType>
- <xs:simpleType>
  <xs:restriction
    base="sif:NCES0798EarlyChildhoodProgramSettingType" />
  </xs:simpleType>
- <xs:simpleType>
- <xs:restriction
  base="sif:NCES0804EarlyChildhoodSpecialEducationSettingType">
  <xs:enumeration value="2191" />
  <xs:enumeration value="2190" />
  <xs:enumeration value="2187" />
  <xs:enumeration value="2188" />
  <xs:enumeration value="2184" />
  </xs:restriction>
  </xs:simpleType>
</xs:union>
</xs:simpleType>
</xs:element>
  <xs:element name="OtherCodeList" minOccurs="0"
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</xs:sequence>
</xs:complexType>
</xs:element>
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  <xs:element name="ExtendedDay" minOccurs="0" nillable="true"
    type="xs:boolean" />
- <xs:element name="ProgramAvailability" minOccurs="0" nillable="true">
- <xs:complexType>

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```

- <xs:sequence>
  <xs:element name="Code" minOccurs="0"
    type="sif:NCES0211ProgramAvailabilityType" />
  <xs:element name="OtherCodeList" minOccurs="0"
    nillable="true" type="sif:OtherCodeListType" />
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</xs:complexType>
</xs:element>
<xs:element name="PrivateNotPlacedByPublic" minOccurs="0"
  nillable="true" type="xs:boolean" />
<xs:element name="ProgramReviewDate" minOccurs="0" nillable="true"
  type="xs:date" />
<xs:element name="FBADate" minOccurs="0" nillable="true"
  type="xs:date" />
<xs:element name="BIPDate" minOccurs="0" nillable="true"
  type="xs:date" />
<xs:element name="ProgramExitDate" minOccurs="0" nillable="true"
  type="xs:date" />
- <xs:element name="ProgramExitReason" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="Code" minOccurs="0">
- <xs:simpleType>
- <xs:union>
- <xs:simpleType>
  <xs:restriction
    base="sif:NCES0815ProgramExitReasonType" />
</xs:simpleType>
- <xs:simpleType>
- <xs:restriction base="xs:token">
  <xs:enumeration value="S001" />
  <xs:enumeration value="S002" />
</xs:restriction>
</xs:simpleType>
</xs:union>
</xs:simpleType>
</xs:element>
<xs:element name="OtherCodeList" minOccurs="0"
  nillable="true" type="sif:OtherCodeListType" />
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</xs:complexType>
</xs:element>
<xs:element name="ProjectedExitDate" minOccurs="0" nillable="true"
  type="xs:date" />
- <xs:element name="ProjectedExitReason" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:simpleContent>
- <xs:extension base="xs:token">
- <xs:attribute name="Codeset" use="required">
- <xs:simpleType>
- <xs:restriction base="xs:token">
  <xs:enumeration value="StateProvince" />
  <xs:enumeration value="Local" />

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        <xs:enumeration value="Other" />
        <xs:enumeration value="Text" />
      </xs:restriction>
    </xs:simpleType>
  </xs:attribute>
</xs:extension>
</xs:simpleContent>
</xs:complexType>
</xs:element>
<xs:element name="PlannedAssessmentParticipation" minOccurs="0"
  nillable="true" type="sif:PlannedAssessmentParticipationType" />
- <xs:element name="TransitionPlanning" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:simpleContent>
- <xs:extension base="xs:token">
- <xs:attribute name="Codeset" use="required">
- <xs:simpleType>
- <xs:restriction base="xs:token">
  <xs:enumeration value="StateProvince" />
  <xs:enumeration value="Local" />
  <xs:enumeration value="Other" />
  <xs:enumeration value="Text" />
</xs:restriction>
</xs:simpleType>
</xs:attribute>
</xs:extension>
</xs:simpleContent>
</xs:complexType>
</xs:element>
- <xs:element name="StudentSpecialEducationFTE" minOccurs="0"
  nillable="true">
- <xs:simpleType>
- <xs:restriction base="xs:decimal">
  <xs:minInclusive value="0"
    xmlns:xs="http://www.w3.org/2001/XMLSchema" />
  <xs:maxInclusive value="1"
    xmlns:xs="http://www.w3.org/2001/XMLSchema" />
  <xs:fractionDigits value="2"
    xmlns:xs="http://www.w3.org/2001/XMLSchema" />
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="EntryPerson" minOccurs="0" nillable="true"
  type="xs:normalizedString" />
<xs:element name="ParticipationContact" minOccurs="0" nillable="true"
  type="xs:normalizedString" />
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
  type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
- <xs:unique name="SIF_ExtendedElementsKey68">
  <xs:selector xpath="/sif:SIF_ExtendedElement" />
  <xs:field xpath="@Name" />

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```

    </xs:unique>
  </xs:element>
</xs:sequence>
<xs:attribute name="RefId" use="required" type="sif:RefIdType" />
<xs:attribute name="StudentPersonalRefId" use="required"
  type="sif:IdRefType" />
</xs:complexType>
- <xs:element name="StudentParticipation" type="sif:StudentParticipationType">
- <xs:unique name="StudentParticipationKey1">
  <xs:selector xpath="." />
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    <xs:enumeration value="COORD" />
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    <xs:enumeration value="DOMV" />
    <xs:enumeration value="CLOTH" />
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- <xs:extension base="sif:IdRefTypeOrEmpty">
- <xs:attribute name="SIF_RefObject" use="required">
- <xs:simpleType>
- <xs:restriction base="xs:token">
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- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
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<xs:attribute name="StudentPersonalRefId" use="required"
  type="sif:IdRefType" />
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- <xs:element name="StudentPlacement" type="sif:StudentPlacementType">
- <xs:unique name="StudentPlacementKey1">
  <xs:selector xpath="." />
  <xs:field xpath="@RefId" />
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</xs:element>
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- <xs:complexType name="TestAccommodationType">
- <xs:sequence>
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    type="sif:NameType" />
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  <xs:element name="StateDistrictId" minOccurs="0" nillable="true"
    type="sif:StateProvinceIdType" />
  <xs:element name="LEAInfoRefId" minOccurs="0" nillable="true"
    type="sif:IdRefType" />
  <xs:element name="SchoolInfoRefId" minOccurs="0"
    type="sif:IdRefType" />
  <xs:element name="StateSchoolId" minOccurs="0" nillable="true"
    type="sif:StateProvinceIdType" />
  <xs:element ref="sif:GradeLevel" minOccurs="0" />
  <xs:element name="AssessmentRegistrationRefId" minOccurs="0"
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</xs:sequence>
</xs:complexType>

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- <xs:unique name="TestAccommodationKey1">
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<!-- Assessment -->
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  - <xs:simpleType>
  - <xs:restriction base="xs:token">
    <xs:enumeration value="Statewide" />
    <xs:enumeration value="Formative" />
    <xs:enumeration value="Local Summative" />
    <xs:enumeration value="Diagnostic" />
    <xs:enumeration value="Benchmark" />
  </xs:restriction>
  </xs:simpleType>
  </xs:union>
  </xs:simpleType>
  </xs:element>
  </xs:sequence>
  </xs:complexType>
</xs:element>
  <xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
    type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
- <xs:unique name="SIF_ExtendedElementsKey71">

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        <xs:selector xpath="./sif:SIF_ExtendedElement" />
        <xs:field xpath="@Name" />
    </xs:unique>
</xs:element>
</xs:sequence>
    <xs:attribute name="RefId" use="required" type="sif:RefIdType" />
</xs:complexType>
- <xs:element name="Assessment" type="sif:AssessmentType">
- <xs:unique name="AssessmentKey1">
    <xs:selector xpath="." />
    <xs:field xpath="@RefId" />
</xs:unique>
</xs:element>
<!-- AssessmentItem -->
- <xs:complexType name="AssessmentItemType">
- <xs:sequence>
    <xs:element name="ItemLabel" minOccurs="0" type="xs:token" />
    <xs:element name="ItemName" minOccurs="0" nillable="true"
        type="xs:string" />
    - <xs:element name="LearningStandardItems" minOccurs="0"
        nillable="true">
    - <xs:complexType>
    - <xs:sequence>
        <xs:element name="LearningStandardItemRefId"
            minOccurs="0" maxOccurs="unbounded"
            type="sif:IdRefType" />
    </xs:sequence>
    </xs:complexType>
    </xs:element>
    <xs:element name="Stimulus" minOccurs="0" nillable="true"
        type="sif:AbstractContentElementType" />
    <xs:element name="Stem" minOccurs="0" nillable="true"
        type="sif:AbstractContentElementType" />
    - <xs:element name="ResponseChoices" minOccurs="0" nillable="true">
    - <xs:complexType>
    - <xs:sequence>
    - <xs:element name="Choice" minOccurs="0"
        maxOccurs="unbounded">
    - <xs:complexType>
    - <xs:sequence>
        <xs:element name="ChoiceLabel" minOccurs="0"
            nillable="true" type="xs:normalizedString" />
        <xs:element name="ChoiceContent" minOccurs="0"
            type="sif:AbstractContentElementType" />
        <xs:element name="CreditValue" minOccurs="0"
            nillable="true" type="xs:float" />
    </xs:sequence>
    </xs:complexType>
    </xs:element>
    </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"

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type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
  - <xs:unique name="SIF_ExtendedElementsKey72">
    <xs:selector xpath="/sif:SIF_ExtendedElement" />
    <xs:field xpath="@Name" />
  </xs:unique>
</xs:element>
</xs:sequence>
<xs:attribute name="RefId" use="required" type="sif:RefIdType" />
<xs:attribute name="AssessmentFormRefId" use="required"
  type="sif:IdRefType" />
- <xs:attribute name="ResponseType" use="required">
  - <xs:simpleType>
    - <xs:restriction base="xs:token">
      <xs:enumeration value="multiple-choice" />
      <xs:enumeration value="multiple-multiple choice" />
      <xs:enumeration value="true-false" />
      <xs:enumeration value="fill-in-the-blank" />
      <xs:enumeration value="short-answer" />
      <xs:enumeration value="essay" />
    </xs:restriction>
  </xs:simpleType>
</xs:attribute>
</xs:complexType>
- <xs:element name="AssessmentItem" type="sif:AssessmentItemType">
  - <xs:unique name="AssessmentItemKey1">
    <xs:selector xpath="." />
    <xs:field xpath="@RefId" />
  </xs:unique>
</xs:element>
<!-- ItemCharacteristics -->
- <xs:complexType name="ItemCharacteristicsType">
  - <xs:sequence>
    - <xs:element name="Descriptive" minOccurs="0" nillable="true">
      - <xs:complexType>
        - <xs:sequence>
          <xs:element name="PValue" minOccurs="0" nillable="true"
            type="xs:float" />
          <xs:element name="SampleSize" minOccurs="0" nillable="true"
            type="xs:integer" />
          - <xs:element name="PointBiserial" minOccurs="0"
            nillable="true">
            - <xs:simpleType>
              - <xs:restriction base="xs:decimal">
                <xs:minInclusive value="-1.00"
                  xmlns:xs="http://www.w3.org/2001/XMLSchema" />
                <xs:maxInclusive value="1.00"
                  xmlns:xs="http://www.w3.org/2001/XMLSchema" />
              </xs:restriction>
            </xs:simpleType>
          </xs:element>

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- <xs:element name="Biserial" minOccurs="0" nillable="true">
- <xs:simpleType>
  - <xs:restriction base="xs:decimal">
    <xs:minInclusive value="-1.00"
      xmlns:xs="http://www.w3.org/2001/XMLSchema" />
    <xs:maxInclusive value="1.00"
      xmlns:xs="http://www.w3.org/2001/XMLSchema" />
  </xs:restriction>
</xs:simpleType>
</xs:element>
- <xs:element name="DiscriminationIndex" minOccurs="0"
  nillable="true">
- <xs:simpleType>
  - <xs:restriction base="xs:decimal">
    <xs:minInclusive value="0"
      xmlns:xs="http://www.w3.org/2001/XMLSchema" />
    <xs:maxInclusive value="1.00"
      xmlns:xs="http://www.w3.org/2001/XMLSchema" />
  </xs:restriction>
</xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="DifferentialItemAnalysis" minOccurs="0"
  nillable="true">
- <xs:complexType>
  - <xs:sequence>
    - <xs:element name="CMH" minOccurs="0" nillable="true">
      - <xs:simpleType>
        - <xs:restriction base="xs:decimal">
          <xs:minInclusive value="-1.00"
            xmlns:xs="http://www.w3.org/2001/XMLSchema" />
          <xs:maxInclusive value="1.00"
            xmlns:xs="http://www.w3.org/2001/XMLSchema" />
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    - <xs:element name="MH" minOccurs="0" nillable="true">
      - <xs:simpleType>
        - <xs:restriction base="xs:decimal">
          <xs:minInclusive value="-1.00"
            xmlns:xs="http://www.w3.org/2001/XMLSchema" />
          <xs:maxInclusive value="1.00"
            xmlns:xs="http://www.w3.org/2001/XMLSchema" />
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="ResponseChoicePattern" minOccurs="0"
  nillable="true">

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- <xs:complexType>
- <xs:sequence>
- <xs:element name="Choice" minOccurs="0"
  maxOccurs="unbounded">
- <xs:complexType>
- <xs:sequence>
  <xs:element name="ChoiceLabel" minOccurs="0"
    type="xs:token" />
  <xs:element name="Responses" minOccurs="0"
    type="xs:integer" />
  </xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
  type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
- <xs:unique name="SIF_ExtendedElementsKey73">
  <xs:selector xpath="./sif:SIF_ExtendedElement" />
  <xs:field xpath="@Name" />
</xs:unique>
</xs:element>
</xs:sequence>
<xs:attribute name="RefId" use="required" type="sif:RefIdType" />
<xs:attribute name="AssessmentItemRefId" use="required"
  type="sif:IdRefType" />
<xs:attribute name="AssessmentFormRefId" use="required"
  type="sif:IdRefType" />
</xs:complexType>
- <xs:element name="ItemCharacteristics" type="sif:ItemCharacteristicsType">
- <xs:unique name="ItemCharacteristicsKey1">
  <xs:selector xpath="." />
  <xs:field xpath="@RefId" />
</xs:unique>
</xs:element>
<!-- AssessmentSubTest -->
- <xs:complexType name="AssessmentSubTestType">
- <xs:sequence>
  <xs:element name="Name" minOccurs="0" type="xs:normalizedString" />
- <xs:element name="ScoreRange" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
  <xs:element name="Minimum" minOccurs="0" nillable="true"
    type="xs:token" />
  <xs:element name="Maximum" minOccurs="0" nillable="true"
    type="xs:token" />
</xs:sequence>
  <xs:attribute name="ScoreMetric" use="required"
    type="sif:NCES0056AssessmentReportingMethodType" />
</xs:complexType>

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</xs:element>
- <xs:element name="PerformanceLevels" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="PerformanceLevel" minOccurs="0"
  maxOccurs="unbounded">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="CutScores" minOccurs="0"
  nillable="true">
- <xs:complexType>
- <xs:sequence>
  <xs:element name="LowerCut"
    minOccurs="0" nillable="true"
    type="xs:token" />
  <xs:element name="UpperCut"
    minOccurs="0" nillable="true"
    type="xs:token" />
</xs:sequence>
  <xs:attribute name="ScoreMetric"
    use="required"
    type="sif:NCES0056AssessmentReportingMethodType" />
</xs:complexType>
</xs:element>
</xs:sequence>
  <xs:attribute name="LevelName" use="required"
    type="xs:token" />
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="SubjectArea" minOccurs="0" nillable="true"
  type="xs:token" />
<xs:element name="GradeLevels" minOccurs="0" nillable="true"
  type="sif:GradeLevelsType" />
- <xs:element name="AssessmentSubTestRefIds" minOccurs="0"
  nillable="true">
- <xs:complexType>
- <xs:sequence>
  <xs:element name="AssessmentSubTestRefId" minOccurs="0"
    maxOccurs="unbounded" type="sif:IdRefType" />
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="SubTestTier" minOccurs="0" nillable="true"
  type="xs:unsignedInt" />
- <xs:element name="LearningStandardItemRefIds" minOccurs="0"
  nillable="true">
- <xs:complexType>
- <xs:sequence>
  <xs:element name="LearningStandardItemRefId"
    minOccurs="0" maxOccurs="unbounded"

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        type="sif:IdRefType" />
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
    type="sif:SIF_MetadataType" />
  - <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
    type="sif:SIF_ExtendedElementsType">
    - <xs:unique name="SIF_ExtendedElementsKey74">
      <xs:selector xpath="/sif:SIF_ExtendedElement" />
      <xs:field xpath="@Name" />
    </xs:unique>
  </xs:element>
</xs:sequence>
  <xs:attribute name="RefId" use="required" type="sif:RefIdType" />
</xs:complexType>
- <xs:element name="AssessmentSubTest" type="sif:AssessmentSubTestType">
- <xs:unique name="AssessmentSubTestKey1">
  <xs:selector xpath="." />
  <xs:field xpath="@RefId" />
</xs:unique>
</xs:element>
<!-- AssessmentAdministration -->
- <xs:complexType name="AssessmentAdministrationType">
- <xs:sequence>
  <xs:element name="AdministrationName" minOccurs="0" nillable="true"
    type="xs:normalizedString" />
  - <xs:element name="SpecialConditions" minOccurs="0" nillable="true">
    - <xs:complexType>
      - <xs:sequence>
        - <xs:element name="SpecialCondition" minOccurs="0"
          maxOccurs="unbounded">
          <xs:complexType>
            - <xs:simpleContent>
              - <xs:extension base="xs:string">
                <xs:attribute name="Code" use="required"
                  type="xs:token" />
                - <xs:attribute name="SIF_Action"
                  use="optional">
                  - <xs:simpleType>
                    - <xs:restriction base="xs:token">
                      <xs:enumeration value="Delete" />
                    </xs:restriction>
                  </xs:simpleType>
                </xs:attribute>
              </xs:extension>
            </xs:simpleContent>
          </xs:complexType>
        </xs:element>
      </xs:sequence>
    </xs:complexType>
  </xs:unique name="SpecialConditionsKey1">

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        <xs:selector xpath="./sif:SpecialCondition" />
        <xs:field xpath="@Code" />
    </xs:unique>
</xs:element>
<xs:element name="AdministrationDateTime" minOccurs="0"
    type="xs:dateTime" />
<xs:element name="StartDateTime" minOccurs="0" nillable="true"
    type="xs:dateTime" />
<xs:element name="FinishDateTime" minOccurs="0" nillable="true"
    type="xs:dateTime" />
<xs:element name="DueDateTime" minOccurs="0" nillable="true"
    type="xs:dateTime" />
<xs:element name="Address" minOccurs="0" nillable="true"
    type="sif:AddressType" />
<xs:element name="StaffPersonalRefId" minOccurs="0" nillable="true"
    type="sif:IdRefType" />
<xs:element name="LEAInfoRefId" minOccurs="0" nillable="true"
    type="sif:IdRefType" />
<xs:element name="SchoolInfoRefId" minOccurs="0" nillable="true"
    type="sif:IdRefType" />
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
    type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
    type="sif:SIF_ExtendedElementsType">
    - <xs:unique name="SIF_ExtendedElementsKey75">
        <xs:selector xpath="./sif:SIF_ExtendedElement" />
        <xs:field xpath="@Name" />
    </xs:unique>
    </xs:element>
</xs:sequence>
<xs:attribute name="RefId" use="required" type="sif:RefIdType" />
<xs:attribute name="AssessmentFormRefId" use="required"
    type="sif:IdRefType" />
</xs:complexType>
- <xs:element name="AssessmentAdministration"
    type="sif:AssessmentAdministrationType">
    - <xs:unique name="AssessmentAdministrationKey1">
        <xs:selector xpath="." />
        <xs:field xpath="@RefId" />
    </xs:unique>
</xs:element>
<!-- AssessmentForm -->
- <xs:complexType name="AssessmentFormType">
    - <xs:sequence>
        - <xs:element name="AssessmentType" minOccurs="0" nillable="true">
            - <xs:simpleType>
                - <xs:restriction base="xs:token">
                    <xs:enumeration value="standard" />
                    <xs:enumeration value="alternate" />
                </xs:restriction>
            </xs:simpleType>
        </xs:element>
        <xs:element name="FormName" minOccurs="0"

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type="xs:normalizedString" />
- <xs:element name="FormNumbers" minOccurs="0" nillable="true">
  - <xs:complexType>
    - <xs:sequence>
      <xs:element name="FormNumber" minOccurs="0"
        maxOccurs="unbounded" type="xs:token" />
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="Level" minOccurs="0" nillable="true"
  type="xs:token" />
<xs:element name="Period" minOccurs="0" nillable="true"
  type="xs:token" />
<xs:element name="GradeLevels" minOccurs="0" nillable="true"
  type="sif:GradeLevelsType" />
- <xs:element name="AssessmentSubTestRefIds" minOccurs="0"
  nillable="true">
  - <xs:complexType>
    - <xs:sequence>
      <xs:element name="AssessmentSubTestRefId" minOccurs="0"
        maxOccurs="unbounded" type="sif:IdRefType" />
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
  type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
  - <xs:unique name="SIF_ExtendedElementsKey76">
    <xs:selector xpath="/sif:SIF_ExtendedElement" />
    <xs:field xpath="@Name" />
  </xs:unique>
</xs:element>
</xs:sequence>
<xs:attribute name="RefId" use="required" type="sif:RefIdType" />
<xs:attribute name="AssessmentRefId" use="required"
  type="sif:IdRefType" />
</xs:complexType>
- <xs:element name="AssessmentForm" type="sif:AssessmentFormType">
  - <xs:unique name="AssessmentFormKey1">
    <xs:selector xpath="." />
    <xs:field xpath="@RefId" />
  </xs:unique>
</xs:element>
<!-- AssessmentRegistration -->
- <xs:complexType name="AssessmentRegistrationType">
  - <xs:sequence>
    <xs:element name="CreationDateTime" minOccurs="0"
      type="xs:dateTime" />
    - <xs:element name="StudentSpecialConditions" minOccurs="0"
      nillable="true">
      - <xs:complexType>
        - <xs:sequence>

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- <xs:element name="StudentSpecialCondition" minOccurs="0"
  maxOccurs="unbounded">
  - <xs:complexType>
    - <xs:simpleContent>
      - <xs:extension base="xs:normalizedString">
        <xs:attribute name="Code" use="required"
          type="xs:token" />
        </xs:extension>
      </xs:simpleContent>
    </xs:complexType>
  </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="StudentGradeLevel" minOccurs="0" nillable="true"
  type="sif:GradeLevelType" />
<xs:element name="AssessmentGradeLevel" minOccurs="0" nillable="true"
  type="sif:GradeLevelType" />
- <xs:element name="AssessmentStudentSnapshot" minOccurs="0"
  nillable="true">
- <xs:complexType>
  - <xs:sequence>
    <xs:element name="RaceList" minOccurs="0" nillable="true"
      type="sif:RaceListType" />
    <xs:element name="HispanicLatino" minOccurs="0"
      nillable="true" type="sif:HispanicLatinoType" />
    <xs:element name="Gender" minOccurs="0" nillable="true"
      type="sif:GenderType" />
    <xs:element name="BirthDate" minOccurs="0" nillable="true"
      type="sif:BirthDateType" />
    <xs:element name="Title1" minOccurs="0" nillable="true"
      type="sif:Title1Type" />
    <xs:element name="ELL" minOccurs="0" nillable="true"
      type="sif:ELLType" />
  </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="LEAInfoRefId" minOccurs="0" nillable="true"
  type="sif:IdRefType" />
<xs:element name="SchoolInfoRefId" minOccurs="0" nillable="true"
  type="sif:IdRefType" />
<xs:element name="StaffPersonalRefId" minOccurs="0" nillable="true"
  type="sif:IdRefType" />
<xs:element name="SectionInfoRefId" minOccurs="0" nillable="true"
  type="sif:IdRefType" />
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
  type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
  - <xs:unique name="SIF_ExtendedElementsKey77">
    <xs:selector xpath="/sif:SIF_ExtendedElement" />
    <xs:field xpath="@Name" />
  </xs:unique>

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    </xs:element>
  </xs:sequence>
  <xs:attribute name="RefId" use="required" type="sif:RefIdType" />
  <xs:attribute name="StudentPersonalRefId" use="required"
    type="sif:IdRefType" />
  <xs:attribute name="AssessmentAdministrationRefId" use="required"
    type="sif:IdRefType" />
</xs:complexType>
- <xs:element name="AssessmentRegistration"
  type="sif:AssessmentRegistrationType">
  - <xs:unique name="AssessmentRegistrationKey1">
    <xs:selector xpath="." />
    <xs:field xpath="@RefId" />
  </xs:unique>
</xs:element>
<!-- StudentResponseSet -->
- <xs:complexType name="StudentResponseSetType">
  - <xs:sequence>
    - <xs:element name="Items" minOccurs="0">
      - <xs:complexType>
        - <xs:sequence>
          - <xs:element name="Item" minOccurs="0"
            maxOccurs="unbounded">
            - <xs:complexType>
              - <xs:sequence>
                <xs:element name="Response" minOccurs="0"
                  type="xs:string" />
                <xs:element name="ResponseLocation"
                  minOccurs="0" nillable="true" type="xs:anyURI" />
                - <xs:element name="ResponseStatus" minOccurs="0"
                  nillable="true">
                  - <xs:simpleType>
                    - <xs:restriction base="xs:token">
                      <xs:enumeration value="Correct" />
                      <xs:enumeration value="Incorrect" />
                      <xs:enumeration value="Complete" />
                      <xs:enumeration
                        value="PartiallyComplete" />
                      <xs:enumeration value="Viewed" />
                      <xs:enumeration value="NotViewed" />
                      <xs:enumeration value="NotAnswered" />
                      <xs:enumeration value="Attempted" />
                      <xs:enumeration value="Incomplete" />
                    </xs:restriction>
                  </xs:simpleType>
                </xs:element>
                <xs:element name="ResponseTime" minOccurs="0"
                  nillable="true" type="xs:duration" />
                <xs:element name="ItemNumber" minOccurs="0"
                  nillable="true" type="xs:token" />
                <xs:element name="ItemName" minOccurs="0"
                  nillable="true" type="xs:token" />
                <xs:element name="DiagnosticStatement"

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        minOccurs="0" nillable="true" type="xs:string" />
        <xs:element name="NumberOfAttempts"
            minOccurs="0" nillable="true"
            type="xs:unsignedInt" />
    </xs:sequence>
    <xs:attribute name="AssessmentItemRefId"
        use="optional" type="sif:IdRefType" />
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
    type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
    type="sif:SIF_ExtendedElementsType">
- <xs:unique name="SIF_ExtendedElementsKey78">
    <xs:selector xpath="/sif:SIF_ExtendedElement" />
    <xs:field xpath="@Name" />
</xs:unique>
</xs:element>
</xs:sequence>
<xs:attribute name="RefId" use="required" type="sif:RefIdType" />
<xs:attribute name="AssessmentAdministrationRefId" use="required"
    type="sif:IdRefType" />
<xs:attribute name="StudentPersonalRefId" use="required"
    type="sif:IdRefType" />
<xs:attribute name="AssessmentRegistrationRefId" use="optional"
    type="sif:IdRefType" />
</xs:complexType>
- <xs:element name="StudentResponseSet" type="sif:StudentResponseSetType">
- <xs:unique name="StudentResponseSetKey1">
    <xs:selector xpath="." />
    <xs:field xpath="@RefId" />
</xs:unique>
</xs:element>
<!-- StudentScoreSet -->
- <xs:complexType name="StudentScoreSetType">
- <xs:sequence>
- <xs:element name="Scores" minOccurs="0">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="Score" minOccurs="0"
    maxOccurs="unbounded">
- <xs:complexType>
- <xs:sequence>
    <xs:element name="ScoreValue" minOccurs="0"
        type="xs:normalizedString" />
    <xs:element name="DiagnosticStatement"
        minOccurs="0" nillable="true" type="xs:string" />
</xs:sequence>
<xs:attribute name="AssessmentSubTestRefId"
    use="required" type="sif:IdRefType" />

```

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        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
  type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
  - <xs:unique name="SIF_ExtendedElementsKey79">
    <xs:selector xpath="/sif:SIF_ExtendedElement" />
    <xs:field xpath="@Name" />
  </xs:unique>
</xs:element>
</xs:sequence>
<xs:attribute name="RefId" use="required" type="sif:RefIdType" />
<xs:attribute name="ScoreMetric" use="required"
  type="sif:NCES0056AssessmentReportingMethodType" />
<xs:attribute name="AssessmentAdministrationRefId" use="required"
  type="sif:IdRefType" />
<xs:attribute name="StudentPersonalRefId" use="required"
  type="sif:IdRefType" />
<xs:attribute name="AssessmentRegistrationRefId" use="optional"
  type="sif:IdRefType" />
</xs:complexType>
- <xs:element name="StudentScoreSet" type="sif:StudentScoreSetType">
- <xs:unique name="StudentScoreSetKey1">
  <xs:selector xpath="." />
  <xs:field xpath="@RefId" />
</xs:unique>
</xs:element>
<!-- AssessmentPackage -->
- <xs:complexType name="AssessmentPackageType">
- <xs:sequence>
  - <xs:element name="XMLData" minOccurs="0" nillable="true">
  - <xs:complexType>
    - <xs:sequence>
      <xs:any processContents="lax"
        xmlns:xs="http://www.w3.org/2001/XMLSchema"
        minOccurs="0" maxOccurs="1" />
    </xs:sequence>
      <xs:attribute name="Description" use="optional"
        type="xs:token" />
    </xs:complexType>
  </xs:element>
  <xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
    type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
  - <xs:unique name="SIF_ExtendedElementsKey80">
    <xs:selector xpath="/sif:SIF_ExtendedElement" />
    <xs:field xpath="@Name" />
  </xs:unique>

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    </xs:element>
  </xs:sequence>
  <xs:attribute name="RefId" use="required" type="sif:RefIdType" />
</xs:complexType>
- <xs:element name="AssessmentPackage" type="sif:AssessmentPackageType">
  - <xs:unique name="AssessmentPackageKey1">
    <xs:selector xpath="." />
    <xs:field xpath="@RefId" />
  </xs:unique>
</xs:element>
<!-- InstructionalServicesTaskForce -->
<!-- LearningStandardDocument -->
- <xs:complexType name="LearningStandardDocumentType">
  - <xs:sequence>
    <xs:element name="Title" minOccurs="0" type="xs:normalizedString" />
    <xs:element name="Description" minOccurs="0" nillable="true"
      type="xs:string" />
    - <xs:element name="Source" minOccurs="0">
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        - <xs:restriction base="xs:token">
          <xs:enumeration value="National" />
          <xs:enumeration value="State" />
          <xs:enumeration value="Regional" />
          <xs:enumeration value="District" />
          <xs:enumeration value="Site" />
          <xs:enumeration value="Classroom" />
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    - <xs:element name="Organizations" minOccurs="0">
      - <xs:complexType>
        - <xs:sequence>
          <xs:element name="Organization" minOccurs="0"
            maxOccurs="unbounded" type="xs:normalizedString" />
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    - <xs:element name="Authors" minOccurs="0" nillable="true">
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        - <xs:sequence>
          <xs:element name="Author" minOccurs="0"
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        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element name="OrganizationContactPoint" minOccurs="0"
      nillable="true" type="xs:string" />
    - <xs:element name="SubjectAreas" minOccurs="0">
      - <xs:complexType>
        - <xs:sequence>
          <xs:element ref="sif:SubjectArea" minOccurs="0"
            maxOccurs="unbounded" />
        </xs:sequence>
      </xs:complexType>
    </xs:element>
  </xs:sequence>
</xs:complexType>

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    </xs:sequence>
  </xs:complexType>
</xs:element>
- <xs:element name="DocumentStatus" minOccurs="0">
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    - <xs:restriction base="xs:token">
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      <xs:enumeration value="Adopted" />
      <xs:enumeration value="Archived" />
      <xs:enumeration value="Unknown" />
    </xs:restriction>
  </xs:simpleType>
</xs:element>
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  type="xs:date" />
<xs:element name="LocalAdoptionDate" minOccurs="0" nillable="true"
  type="xs:date" />
<xs:element name="LocalArchiveDate" minOccurs="0" nillable="true"
  type="xs:date" />
<xs:element name="EndOfLifeDate" minOccurs="0" nillable="true"
  type="xs:date" />
- <xs:element name="Copyright" minOccurs="0" nillable="true">
  - <xs:complexType>
    - <xs:sequence>
      <xs:element name="Date" minOccurs="0" nillable="true"
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        type="xs:normalizedString" />
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  </xs:complexType>
</xs:element>
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  type="xs:date" />
<xs:element name="LearningStandardItemRefId" minOccurs="0"
  type="sif:IdRefType" />
- <xs:element name="RelatedLearningStandards" minOccurs="0"
  nillable="true">
  - <xs:complexType>
    - <xs:sequence>
      <xs:element name="LearningStandardDocumentRefId"
        minOccurs="0" maxOccurs="unbounded"
        type="sif:IdRefType" />
    </xs:sequence>
  </xs:complexType>
</xs:element>
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  type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
  - <xs:unique name="SIF_ExtendedElementsKey81">
    <xs:selector xpath="./sif:SIF_ExtendedElement" />

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        <xs:field xpath="@Name" />
      </xs:unique>
    </xs:element>
  </xs:sequence>
  <xs:attribute name="RefId" use="required" type="sif:RefIdType" />
  <xs:attribute ref="xml:lang" use="required" />
</xs:complexType>
- <xs:element name="LearningStandardDocument"
  type="sif:LearningStandardDocumentType">
- <xs:unique name="LearningStandardDocumentKey1">
  <xs:selector xpath="." />
  <xs:field xpath="@RefId" />
</xs:unique>
</xs:element>
<!-- LearningStandardItem -->
- <xs:complexType name="LearningStandardItemType">
- <xs:sequence>
- <xs:element name="StandardSettingBody" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
  <xs:element ref="sif:Country" minOccurs="0" />
  <xs:element name="StateProvince" minOccurs="0"
    nillable="true" type="sif:StateProvinceType" />
  <xs:element name="NCESId" minOccurs="0" nillable="true"
    type="sif:NCESIdType" />
  <xs:element name="SettingBodyName" minOccurs="0"
    nillable="true" type="xs:normalizedString" />
</xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="StandardHierarchyLevel" minOccurs="0">
- <xs:complexType>
- <xs:sequence>
  <xs:element name="Number" minOccurs="0"
    type="xs:unsignedInt" />
  <xs:element name="Description" minOccurs="0"
    type="xs:string" />
</xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="PredecessorItems" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
  <xs:element name="LearningStandardItemRefId"
    minOccurs="0" maxOccurs="unbounded"
    type="sif:IdRefType" />
</xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="StatementCodes" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>

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    <xs:element name="StatementCode" minOccurs="0"
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</xs:complexType>
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- <xs:element name="Statements" minOccurs="0" nillable="true">
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    - <xs:sequence>
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  </xs:complexType>
</xs:element>
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<xs:element name="SubjectArea" minOccurs="0" nillable="true"
  type="sif:SubjectAreaType" />
- <xs:element name="StandardIdentifier" minOccurs="0" nillable="true">
  - <xs:complexType>
    - <xs:sequence>
      <xs:element name="YearCreated" minOccurs="0"
        type="xs:gYear" />
      <xs:element ref="sif:SubjectArea" minOccurs="0" />
      <xs:element name="StandardNumber" minOccurs="0"
        type="xs:normalizedString" />
      <xs:element ref="sif:GradeLevels" minOccurs="0" />
      <xs:element name="Benchmark" minOccurs="0" nillable="true"
        type="xs:normalizedString" />
      <xs:element name="GradeLevel" minOccurs="0" nillable="true"
        type="sif:GradeLevelType" />
      <xs:element name="IndicatorNumber" minOccurs="0"
        nillable="true" type="xs:normalizedString" />
    - <xs:element name="AlternateIdentificationCodes"
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      - <xs:complexType>
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            type="xs:normalizedString" />
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    </xs:element>
      <xs:element name="Organization" minOccurs="0"
        type="xs:normalizedString" />
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="LearningStandardDocumentRefId" minOccurs="0"
  type="sif:IdRefType" />
- <xs:element name="RelatedLearningStandardItems" minOccurs="0"
  nillable="true">
  - <xs:complexType>
    - <xs:sequence>
      - <xs:element name="LearningStandardItemRefId"

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  - <xs:complexType>
    - <xs:simpleContent>
      - <xs:extension base="sif:IdRefTypeOrEmpty">
        - <xs:attribute name="RelationshipType"
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          - <xs:simpleType>
            - <xs:union>
              - <xs:simpleType>
                <xs:restriction
                  base="sif:LearningStandardItemRelationshipTypesType" />
                </xs:simpleType>
              - <xs:simpleType>
                <xs:restriction base="xs:token" />
                </xs:simpleType>
            </xs:union>
          </xs:simpleType>
        </xs:attribute>
      </xs:extension>
    </xs:simpleContent>
  </xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
  type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
  - <xs:unique name="SIF_ExtendedElementsKey82">
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    <xs:field xpath="@Name" />
  </xs:unique>
</xs:element>
</xs:sequence>
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<xs:attribute ref="xml:lang" use="required" />
</xs:complexType>
- <xs:element name="LearningStandardItem"
  type="sif:LearningStandardItemType">
  - <xs:unique name="LearningStandardItemKey1">
    <xs:selector xpath="." />
    <xs:field xpath="@RefId" />
  </xs:unique>
</xs:element>
<!-- CurriculumStructure -->
- <xs:complexType name="CurriculumStructureType">
  - <xs:sequence>
    - <xs:element name="Titles" minOccurs="0">
      - <xs:complexType>
        - <xs:sequence>
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        maxOccurs="unbounded" type="xs:normalizedString" />
    </xs:sequence>
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</xs:element>
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    type="sif:SubjectAreaType" />
- <xs:element name="CurriculumHierarchyLevel" minOccurs="0">
- <xs:complexType>
- <xs:sequence>
    <xs:element name="Number" minOccurs="0"
        type="xs:unsignedInt" />
    <xs:element name="Name" minOccurs="0"
        type="xs:normalizedString" />
    <xs:element name="Description" minOccurs="0"
        type="xs:string" />
</xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="PredecessorObjects" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
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        maxOccurs="unbounded" type="sif:IdRefType" />
</xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="LearningObjectives" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
    <xs:element name="LearningObjective" minOccurs="0"
        maxOccurs="unbounded" type="xs:string" />
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</xs:complexType>
</xs:element>
- <xs:element name="ComponentObjects" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="ComponentObject" minOccurs="0"
    maxOccurs="unbounded">
- <xs:complexType>
- <xs:simpleContent>
- <xs:extension base="sif:IdRefTypeOrEmpty">
- <xs:attribute name="SIF_RefObject"
    use="required">
- <xs:simpleType>
- <xs:restriction base="xs:token">
    <xs:enumeration
        value="CurriculumStructure" />
    <xs:enumeration value="Lesson" />
    <xs:enumeration value="Activity" />
    <xs:enumeration

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        value="Assessment" />
        <xs:enumeration
            value="LearningResource" />
        </xs:restriction>
    </xs:simpleType>
</xs:attribute>
</xs:extension>
</xs:simpleContent>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="LearningStandards" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
    <xs:element name="LearningStandardItemRefId"
        minOccurs="0" maxOccurs="unbounded"
        type="sif:IdRefType" />
    </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
    type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
    type="sif:SIF_ExtendedElementsType">
- <xs:unique name="SIF_ExtendedElementsKey83">
    <xs:selector xpath="/sif:SIF_ExtendedElement" />
    <xs:field xpath="@Name" />
</xs:unique>
</xs:element>
</xs:sequence>
<xs:attribute name="RefId" use="required" type="sif:RefIdType" />
<xs:attribute ref="xml:lang" use="required" />
</xs:complexType>
- <xs:element name="CurriculumStructure" type="sif:CurriculumStructureType">
- <xs:unique name="CurriculumStructureKey1">
    <xs:selector xpath="." />
    <xs:field xpath="@RefId" />
</xs:unique>
</xs:element>
<!-- Lesson -->
- <xs:complexType name="LessonType">
- <xs:sequence>
- <xs:element name="SourceObjects" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="SourceObject" minOccurs="0"
    maxOccurs="unbounded">
- <xs:complexType>
- <xs:simpleContent>
- <xs:extension base="sif:IdRefTypeOrEmpty">

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- <xs:attribute name="SIF_RefObject"
  use="required">
- <xs:simpleType>
  - <xs:restriction base="xs:token">
    <xs:enumeration
      value="Assessment" />
    <xs:enumeration
      value="LearningResource" />
    <xs:enumeration value="Activity" />
    <xs:enumeration value="Lesson" />
  </xs:restriction>
  </xs:simpleType>
  </xs:attribute>
</xs:extension>
</xs:simpleContent>
</xs:complexType>
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</xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="CurriculumStructures" minOccurs="0" nillable="true">
- <xs:complexType>
  - <xs:sequence>
    <xs:element name="CurriculumStructureRefId" minOccurs="0"
      maxOccurs="unbounded" type="sif:IdRefType" />
  </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="SubjectArea" minOccurs="0" nillable="true"
  type="sif:SubjectAreaType" />
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- <xs:element name="Duration" minOccurs="0" nillable="true">
- <xs:complexType>
  - <xs:simpleContent>
    - <xs:extension base="sif:XSignedIntOrEmpty">
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        - <xs:simpleType>
          - <xs:restriction base="xs:token">
            <xs:enumeration value="week" />
            <xs:enumeration value="day" />
            <xs:enumeration value="hour" />
            <xs:enumeration value="minute" />
            <xs:enumeration value="second" />
          </xs:restriction>
          </xs:simpleType>
        </xs:attribute>
      </xs:extension>
    </xs:simpleContent>
  </xs:complexType>
</xs:element>
<xs:element name="Description" minOccurs="0" nillable="true"
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```

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  type="xs:string" />
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  - <xs:complexType>
    - <xs:sequence>
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  </xs:complexType>
</xs:element>
- <xs:element name="LearningObjectives" minOccurs="0" nillable="true">
  - <xs:complexType>
    - <xs:sequence>
      <xs:element name="LearningObjective" minOccurs="0"
        maxOccurs="unbounded" type="xs:string" />
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  </xs:complexType>
</xs:element>
- <xs:element name="SupportingActivities" minOccurs="0" nillable="true">
  - <xs:complexType>
    - <xs:sequence>
      <xs:element name="ActivityRefId" minOccurs="0"
        maxOccurs="unbounded" type="sif:IdRefType" />
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  </xs:complexType>
</xs:element>
- <xs:element name="LearningStandards" minOccurs="0" nillable="true">
  - <xs:complexType>
    - <xs:sequence>
      <xs:element name="LearningStandardItemRefId"
        minOccurs="0" maxOccurs="unbounded"
        type="sif:IdRefType" />
    </xs:sequence>
  </xs:complexType>
</xs:element>
- <xs:element name="LearningResources" minOccurs="0" nillable="true">
  - <xs:complexType>
    - <xs:sequence>
      <xs:element name="LearningResourceRefId" minOccurs="0"
        maxOccurs="unbounded" type="sif:IdRefType" />
    </xs:sequence>
  </xs:complexType>
</xs:element>
- <xs:element name="LessonSources" minOccurs="0" nillable="true">
  - <xs:complexType>
    - <xs:sequence>
      - <xs:element name="LessonSource" minOccurs="0"
        maxOccurs="unbounded">
        - <xs:complexType>
          - <xs:sequence>
            - <xs:element name="Author" minOccurs="0"
              maxOccurs="unbounded">
              - <xs:complexType>

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- <xs:sequence>
  <xs:element name="Name" minOccurs="0"
    nillable="true" type="sif:NameType" />
  <xs:element name="Organization"
    minOccurs="0" nillable="true"
    type="xs:normalizedString" />
  <xs:element name="Address"
    minOccurs="0" nillable="true"
    type="sif:AddressType" />
  <xs:element name="Email" minOccurs="0"
    nillable="true" type="sif:EmailType" />
</xs:sequence>
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</xs:element>
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</xs:element>
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  type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
  - <xs:unique name="SIF_ExtendedElementsKey84">
    <xs:selector xpath="/sif:SIF_ExtendedElement" />
    <xs:field xpath="@Name" />
  </xs:unique>
</xs:element>
</xs:sequence>
<xs:attribute name="RefId" use="required" type="sif:RefIdType" />
<xs:attribute ref="xml:lang" use="required" />
</xs:complexType>
- <xs:element name="Lesson" type="sif:LessonType">
  - <xs:unique name="LessonKey1">
    <xs:selector xpath="." />
    <xs:field xpath="@RefId" />
  </xs:unique>
</xs:element>
<!-- Activity -->
- <xs:complexType name="ActivityType">
  - <xs:sequence>
    - <xs:element name="TechnicalRequirements" minOccurs="0"
      nillable="true">
      - <xs:complexType>
        - <xs:sequence>
          <xs:element name="TechnicalRequirement" minOccurs="0"
            maxOccurs="unbounded" type="xs:string" />
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    - <xs:element name="EssentialMaterials" minOccurs="0" nillable="true">
      - <xs:complexType>

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- <xs:sequence>
  <xs:element name="EssentialMaterial" minOccurs="0"
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</xs:sequence>
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</xs:element>
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  type="xs:normalizedString" />
<xs:element name="Preamble" minOccurs="0" nillable="true"
  type="xs:string" />
- <xs:element name="LearningObjectives" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
  <xs:element name="LearningObjective" minOccurs="0"
    maxOccurs="unbounded" type="xs:string" />
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</xs:complexType>
</xs:element>
- <xs:element name="LearningStandards" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
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    type="sif:IdRefType" />
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</xs:element>
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- <xs:element name="Prerequisites" minOccurs="0" nillable="true">
- <xs:complexType>
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    maxOccurs="unbounded" type="xs:string" />
</xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="Students" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
  <xs:element name="StudentPersonalRefId" minOccurs="0"
    maxOccurs="unbounded" type="sif:IdRefType" />
</xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="SourceObjects" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="SourceObject" minOccurs="0"
  maxOccurs="unbounded">
- <xs:complexType>
- <xs:simpleContent>
- <xs:extension base="sif:IdRefTypeOrEmpty">

```

```

- <xs:attribute name="SIF_RefObject"
  use="required">
- <xs:simpleType>
  - <xs:restriction base="xs:token">
    <xs:enumeration
      value="Assessment" />
    <xs:enumeration
      value="LearningResource" />
    <xs:enumeration value="Activity" />
    <xs:enumeration value="Lesson" />
  </xs:restriction>
  </xs:simpleType>
  </xs:attribute>
</xs:extension>
</xs:simpleContent>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="Points" minOccurs="0" nillable="true"
  type="xs:unsignedInt" />
- <xs:element name="ActivityTime" minOccurs="0">
- <xs:complexType>
  - <xs:sequence>
    <xs:element name="CreationDate" minOccurs="0"
      type="xs:date" />
    - <xs:element name="Duration" minOccurs="0" nillable="true">
      - <xs:complexType>
        - <xs:simpleContent>
          - <xs:extension base="sif:XSignedIntOrEmpty">
            - <xs:attribute name="Units" use="required">
              - <xs:simpleType>
                - <xs:restriction base="xs:token">
                  <xs:enumeration value="week" />
                  <xs:enumeration value="day" />
                  <xs:enumeration value="hour" />
                  <xs:enumeration value="minute" />
                  <xs:enumeration value="second" />
                </xs:restriction>
                </xs:simpleType>
              </xs:attribute>
            </xs:extension>
          </xs:simpleContent>
        </xs:complexType>
      </xs:element>
      <xs:element name="StartDate" minOccurs="0" nillable="true"
        type="xs:date" />
      <xs:element name="FinishDate" minOccurs="0" nillable="true"
        type="xs:date" />
      <xs:element name="DueDate" minOccurs="0" nillable="true"
        type="xs:date" />

```

```

    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="AssessmentRefId" minOccurs="0" nillable="true"
  type="sif:IdRefType" />
<xs:element name="MaxAttemptsAllowed" minOccurs="0" nillable="true"
  type="xs:unsignedInt" />
<xs:element name="ActivityWeight" minOccurs="0" nillable="true"
  type="xs:decimal" />
- <xs:element name="Evaluation" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
  <xs:element name="Description" minOccurs="0" nillable="true"
    type="xs:string" />
</xs:sequence>
- <xs:attribute name="EvaluationType" use="required">
- <xs:simpleType>
- <xs:restriction base="xs:token">
  <xs:enumeration value="Inline" />
  <xs:enumeration value="RefId" />
</xs:restriction>
</xs:simpleType>
</xs:attribute>
</xs:complexType>
</xs:element>
- <xs:element name="LearningResources" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
  <xs:element name="LearningResourceRefId" minOccurs="0"
    maxOccurs="unbounded" type="sif:IdRefType" />
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
  type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
- <xs:unique name="SIF_ExtendedElementsKey85">
  <xs:selector xpath="./sif:SIF_ExtendedElement" />
  <xs:field xpath="@Name" />
</xs:unique>
</xs:element>
</xs:sequence>
<xs:attribute name="RefId" use="required" type="sif:RefIdType" />
<xs:attribute ref="xml:lang" use="required" />
</xs:complexType>
- <xs:element name="Activity" type="sif:ActivityType">
- <xs:unique name="ActivityKey1">
  <xs:selector xpath="." />
  <xs:field xpath="@RefId" />
</xs:unique>
</xs:element>

```



```

<!-- Assignment -->
- <xs:complexType name="AssignmentType">
- <xs:sequence>
- <xs:element name="Students" minOccurs="0">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="StudentPersonalRefId" minOccurs="0"
maxOccurs="unbounded" type="sif:IdRefType" />
- </xs:sequence>
- </xs:complexType>
- </xs:element>
- <xs:element name="StaffPersonalRefId" minOccurs="0" nillable="true"
type="sif:IdRefType" />
- <xs:element name="TechnicalRequirements" minOccurs="0"
nillable="true">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="TechnicalRequirement" minOccurs="0"
maxOccurs="unbounded" type="xs:string" />
- </xs:sequence>
- </xs:complexType>
- </xs:element>
- <xs:element name="EssentialMaterials" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="EssentialMaterial" minOccurs="0"
maxOccurs="unbounded" type="xs:string" />
- </xs:sequence>
- </xs:complexType>
- </xs:element>
- <xs:element name="Title" minOccurs="0" nillable="true"
type="xs:normalizedString" />
- <xs:element name="Preamble" minOccurs="0" nillable="true"
type="xs:string" />
- <xs:element name="LearningObjectives" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="LearningObjective" minOccurs="0"
maxOccurs="unbounded" type="xs:string" />
- </xs:sequence>
- </xs:complexType>
- </xs:element>
- <xs:element name="LearningStandards" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="LearningStandardItemRefId"
minOccurs="0" maxOccurs="unbounded"
type="sif:IdRefType" />
- </xs:sequence>
- </xs:complexType>
- </xs:element>
- <xs:element name="Prerequisites" minOccurs="0" nillable="true">
- <xs:complexType>

```

```

- <xs:sequence>
  <xs:element name="Prerequisite" minOccurs="0"
    maxOccurs="unbounded" type="xs:string" />
</xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="SourceObjects" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="SourceObject" minOccurs="0"
  maxOccurs="unbounded">
- <xs:complexType>
- <xs:simpleContent>
- <xs:extension base="sif:IdRefTypeOrEmpty">
- <xs:attribute name="SIF_RefObject"
  use="required">
- <xs:simpleType>
- <xs:restriction base="xs:token">
  <xs:enumeration
    value="Assessment" />
  <xs:enumeration
    value="LearningResource" />
  <xs:enumeration value="Activity" />
  <xs:enumeration value="Lesson" />
</xs:restriction>
</xs:simpleType>
</xs:attribute>
</xs:extension>
</xs:simpleContent>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="AssignmentTime" minOccurs="0">
- <xs:complexType>
- <xs:sequence>
  <xs:element name="CreationDate" minOccurs="0" nillable="true"
    type="xs:date" />
- <xs:element name="Duration" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:simpleContent>
- <xs:extension base="sif:XSDDecimalOrEmpty">
- <xs:attribute name="Units" use="required">
- <xs:simpleType>
- <xs:restriction base="xs:token">
  <xs:enumeration value="week" />
  <xs:enumeration value="day" />
  <xs:enumeration value="hour" />
  <xs:enumeration value="minute" />
  <xs:enumeration value="second" />
</xs:restriction>

```

```

        </xs:simpleType>
        </xs:attribute>
        </xs:extension>
        </xs:simpleContent>
        </xs:complexType>
    </xs:element>
    <xs:element name="StartDate" minOccurs="0" type="xs:date" />
    <xs:element name="StartTime" minOccurs="0" nillable="true"
        type="xs:time" />
    <xs:element name="DueDate" minOccurs="0" type="xs:date" />
    <xs:element name="DueTime" minOccurs="0" nillable="true"
        type="xs:time" />
    <xs:element name="AdministrationDate" minOccurs="0"
        nillable="true" type="xs:date" />
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</xs:complexType>
</xs:element>
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    type="xs:unsignedInt" />
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    type="xs:boolean" />
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
    type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
    type="sif:SIF_ExtendedElementsType">
- <xs:unique name="SIF_ExtendedElementsKey86">
    <xs:selector xpath="./sif:SIF_ExtendedElement" />
    <xs:field xpath="@Name" />
</xs:unique>
</xs:element>
</xs:sequence>
<xs:attribute name="RefId" use="required" type="sif:RefIdType" />
<xs:attribute ref="xml:lang" use="required" />
</xs:complexType>
- <xs:element name="Assignment" type="sif:AssignmentType">
- <xs:unique name="AssignmentKey1">
    <xs:selector xpath="." />
    <xs:field xpath="@RefId" />
</xs:unique>
</xs:element>
<!-- LearningResource -->
- <xs:complexType name="LearningResourceType">
- <xs:sequence>
    <xs:element name="Name" minOccurs="0" type="xs:normalizedString" />
    <xs:element name="Author" minOccurs="0" nillable="true"
        type="xs:normalizedString" />
- <xs:element name="Contacts" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="Contact" minOccurs="0"
    maxOccurs="unbounded">
- <xs:complexType>
- <xs:sequence>

```

```

        <xs:element name="Name" minOccurs="0"
            nillable="true" type="sif:NameType" />
        <xs:element name="Address" minOccurs="0"
            nillable="true" type="sif:AddressType" />
        <xs:element name="PhoneNumber" minOccurs="0"
            nillable="true" type="sif:PhoneNumberType" />
        <xs:element name="Email" minOccurs="0"
            nillable="true" type="sif:EmailType" />
    </xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="Location" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:simpleContent>
- <xs:extension base="xs:string">
    <xs:attribute name="ReferenceType" use="required"
        type="xs:token" />
</xs:extension>
</xs:simpleContent>
</xs:complexType>
</xs:element>
<xs:element name="Status" minOccurs="0" nillable="true"
    type="xs:normalizedString" />
<xs:element name="Description" minOccurs="0" nillable="true"
    type="xs:string" />
<xs:element name="GradeLevels" minOccurs="0" nillable="true"
    type="sif:GradeLevelsType" />
- <xs:element name="SubjectAreas" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
    <xs:element ref="sif:SubjectArea" minOccurs="0"
        maxOccurs="unbounded" />
</xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="MediaTypes" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
    <xs:element name="MediaType" minOccurs="0"
        maxOccurs="unbounded" type="xs:token" />
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="UseAgreement" minOccurs="0" nillable="true"
    type="xs:string" />
<xs:element name="AgreementDate" minOccurs="0" nillable="true"
    type="xs:date" />
- <xs:element name="Approvals" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>

```

```

- <xs:element name="Approval" minOccurs="0"
  maxOccurs="unbounded">
  - <xs:complexType>
    - <xs:sequence>
      <xs:element name="Organization" minOccurs="0"
        type="xs:normalizedString" />
      <xs:element name="Date" minOccurs="0"
        type="xs:date" />
    </xs:sequence>
  </xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="Evaluations" minOccurs="0" nillable="true">
  - <xs:complexType>
    - <xs:sequence>
      - <xs:element name="Evaluation" minOccurs="0"
        maxOccurs="unbounded">
        - <xs:complexType>
          - <xs:sequence>
            <xs:element name="Description" minOccurs="0"
              nillable="true" type="xs:string" />
            <xs:element name="Date" minOccurs="0"
              nillable="true" type="xs:date" />
            <xs:element name="Name" minOccurs="0"
              nillable="true" type="sif:NameType" />
          </xs:sequence>
          <xs:attribute name="RefId" use="required"
            type="sif:RefIdType" />
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
- <xs:element name="Components" minOccurs="0">
  - <xs:complexType>
    - <xs:sequence>
      - <xs:element name="Component" minOccurs="0"
        maxOccurs="unbounded">
        - <xs:complexType>
          - <xs:sequence>
            <xs:element name="Name" minOccurs="0"
              type="xs:normalizedString" />
            <xs:element name="Reference" minOccurs="0"
              type="xs:string" />
            <xs:element name="Description" minOccurs="0"
              nillable="true" type="xs:string" />
          </xs:sequence>
          - <xs:element name="Strategies" minOccurs="0"
            nillable="true">
            - <xs:complexType>
              - <xs:sequence>
                <xs:element name="Strategy"

```

```

        minOccurs="0" maxOccurs="unbounded"
        type="xs:string" />
    </xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="AssociatedObjects"
  minOccurs="0" nillable="true">
  - <xs:complexType>
    - <xs:sequence>
      - <xs:element name="AssociatedObject"
        minOccurs="0"
        maxOccurs="unbounded">
        - <xs:complexType>
          - <xs:simpleContent>
            - <xs:extension
              base="sif:IdRefTypeOrEmpty">
              <xs:attribute
                name="SIF_RefObject"
                use="required"
                type="sif:ObjectNameType" />
            </xs:extension>
          </xs:simpleContent>
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="LearningStandards" minOccurs="0" nillable="true">
  - <xs:complexType>
    - <xs:sequence>
      <xs:element name="LearningStandardItemRefId"
        minOccurs="0" maxOccurs="unbounded"
        type="sif:IdRefType" />
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="LearningResourcePackageRefId" minOccurs="0"
  nillable="true" type="sif:IdRefType" />
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
  type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
  - <xs:unique name="SIF_ExtendedElementsKey87">
    <xs:selector xpath="./sif:SIF_ExtendedElement" />
    <xs:field xpath="@Name" />
  </xs:unique>
</xs:element>

```

```

</xs:sequence>
<xs:attribute name="RefId" use="required" type="sif:RefIdType" />
<xs:attribute ref="xml:lang" use="required" />
</xs:complexType>
- <xs:element name="LearningResource" type="sif:LearningResourceType">
- <xs:unique name="LearningResourceKey1">
  <xs:selector xpath="." />
  <xs:field xpath="@RefId" />
</xs:unique>
</xs:element>
<!-- LearningResourcePackage -->
- <xs:complexType name="LearningResourcePackageType">
- <xs:complexContent>
  <xs:extension base="sif:AbstractContentPackageType" />
</xs:complexContent>
</xs:complexType>
<xs:element name="LearningResourcePackage"
  type="sif:LearningResourcePackageType" />
<!-- LibraryAutomationWorkingGroup -->
<!-- LibraryPatronStatus -->
- <xs:complexType name="LibraryPatronStatusType">
- <xs:sequence>
  <xs:element ref="sif:ElectronicIdList" minOccurs="0" />
  - <xs:element name="TransactionList" minOccurs="0" nillable="true">
    - <xs:complexType>
      - <xs:sequence>
        - <xs:element name="Transaction" minOccurs="0"
          maxOccurs="unbounded">
          - <xs:complexType>
            - <xs:sequence>
              - <xs:element name="ItemInfo" minOccurs="0"
                nillable="true">
                - <xs:complexType>
                  - <xs:sequence>
                    <xs:element name="Title" minOccurs="0"
                      type="xs:string" />
                    <xs:element name="Author"
                      minOccurs="0" nillable="true"
                      type="xs:string" />
                    <xs:element name="ElectronicId"
                      minOccurs="0" nillable="true"
                      type="sif:ElectronicIdType" />
                    <xs:element name="CallNumber"
                      minOccurs="0" nillable="true"
                      type="xs:string" />
                    <xs:element name="Price" minOccurs="0"
                      nillable="true"
                      type="sif:MonetaryAmountType" />
                  </xs:sequence>
                - <xs:attribute name="Type" use="required">
                  - <xs:simpleType>
                    - <xs:restriction base="xs:token">
                      <xs:enumeration value="Asset" />

```

```

        <xs:enumeration
            value="LibraryMaterial" />
        <xs:enumeration value="Media" />
        <xs:enumeration
            value="Textbook" />
    </xs:restriction>
</xs:simpleType>
</xs:attribute>
</xs:complexType>
</xs:element>
- <xs:element name="CheckoutInfo" minOccurs="0"
    nillable="true">
- <xs:complexType>
- <xs:sequence>
    <xs:element name="ReturnBy"
        minOccurs="0" type="xs:dateTime" />
</xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="FineInfoList" minOccurs="0"
    nillable="true">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="FineInfo"
    minOccurs="0"
    maxOccurs="unbounded">
- <xs:complexType>
- <xs:sequence>
    <xs:element name="Assessed"
        minOccurs="0"
        type="xs:dateTime" />
    <xs:element
        name="Description"
        minOccurs="0" nillable="true"
        type="xs:string" />
    <xs:element name="Amount"
        minOccurs="0"
        type="sif:MonetaryAmountType" />
    <xs:element
        name="Reference"
        minOccurs="0" nillable="true"
        type="xs:string" />
</xs:sequence>
- <xs:attribute name="Type"
    use="required">
- <xs:simpleType>
- <xs:restriction
    base="xs:token">
    <xs:enumeration
        value="Damaged" />
    <xs:enumeration
        value="Lost" />
    <xs:enumeration

```



```

        value="Overdue" />
        <xs:enumeration
            value="Refund" />
        <xs:enumeration
            value="Other" />
    </xs:restriction>
</xs:simpleType>
</xs:attribute>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="HoldInfoList" minOccurs="0"
    nillable="true">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="HoldInfo"
    minOccurs="0"
    maxOccurs="unbounded">
- <xs:complexType>
- <xs:sequence>
    <xs:element
        name="DatePlaced"
        minOccurs="0"
        type="xs:date" />
    <xs:element
        name="DateNeeded"
        minOccurs="0" nillable="true"
        type="xs:date" />
    <xs:element
        name="MadeAvailable"
        minOccurs="0" nillable="true"
        type="xs:date" />
    <xs:element name="Expires"
        minOccurs="0" nillable="true"
        type="xs:date" />
</xs:sequence>
- <xs:attribute name="Type"
    use="required">
- <xs:simpleType>
- <xs:restriction
    base="xs:token">
    <xs:enumeration
        value="Ready" />
    <xs:enumeration
        value="NotReady" />
</xs:restriction>
</xs:simpleType>
</xs:attribute>
</xs:complexType>
</xs:element>
</xs:sequence>

```

```

        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="MessageList" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="Message" minOccurs="0"
  maxOccurs="unbounded">
- <xs:complexType>
- <xs:sequence>
  <xs:element name="Sent" minOccurs="0"
    nillable="true" type="xs:dateTime" />
  <xs:element name="Text" minOccurs="0"
    type="xs:string" />
</xs:sequence>
- <xs:attribute name="Priority" use="required">
- <xs:simpleType>
- <xs:restriction base="xs:token">
  <xs:enumeration value="Low" />
  <xs:enumeration value="Normal" />
  <xs:enumeration value="Urgent" />
</xs:restriction>
</xs:simpleType>
</xs:attribute>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="NumberOfCheckouts" minOccurs="0"
  type="xs:unsignedInt" />
<xs:element name="NumberOfOverdues" minOccurs="0"
  type="xs:unsignedInt" />
<xs:element name="NumberOfFines" minOccurs="0"
  type="xs:unsignedInt" />
<xs:element name="FineAmount" minOccurs="0"
  type="sif:MonetaryAmountType" />
<xs:element name="NumberOfRefunds" minOccurs="0" nillable="true"
  type="xs:unsignedInt" />
<xs:element name="RefundAmount" minOccurs="0" nillable="true"
  type="sif:MonetaryAmountType" />
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
  type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
- <xs:unique name="SIF_ExtendedElementsKey88">
  <xs:selector xpath="./sif:SIF_ExtendedElement" />
  <xs:field xpath="@Name" />

```

```

    </xs:unique>
  </xs:element>
</xs:sequence>
<xs:attribute name="LibraryType" use="required" type="xs:string" />
<xs:attribute name="SIF_RefId" use="required" type="sif:IdRefType" />
- <xs:attribute name="SIF_RefObject" use="required">
  - <xs:simpleType>
    - <xs:restriction base="xs:token">
      <xs:enumeration value="StudentPersonal" />
      <xs:enumeration value="StaffPersonal" />
    </xs:restriction>
  </xs:simpleType>
</xs:attribute>
</xs:complexType>
- <xs:element name="LibraryPatronStatus" type="sif:LibraryPatronStatusType">
  - <xs:unique name="LibraryPatronStatusKey1">
    <xs:selector xpath="." />
    <xs:field xpath="@SIF_RefId" />
    <xs:field xpath="@SIF_RefObject" />
  </xs:unique>
</xs:element>
<!-- StudentInformationSystemsWorkingGroup -->
<!-- StudentActivityInfo -->
- <xs:complexType name="StudentActivityInfoType">
  - <xs:sequence>
    <xs:element name="Title" minOccurs="0" type="xs:normalizedString" />
    <xs:element name="Description" minOccurs="0" nillable="true"
      type="xs:normalizedString" />
    - <xs:element name="StudentActivityType" minOccurs="0">
      - <xs:complexType>
        - <xs:sequence>
          <xs:element name="Code" minOccurs="0"
            type="sif:NCES0679ActivityInvolvementCodeType" />
          <xs:element name="OtherCodeList" minOccurs="0"
            nillable="true" type="sif:OtherCodeListType" />
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element name="StudentActivityLevel" minOccurs="0" nillable="true"
      type="xs:normalizedString" />
    <xs:element name="GradeLevels" minOccurs="0" nillable="true"
      type="sif:GradeLevelsType" />
    <xs:element name="CurricularStatus" minOccurs="0" nillable="true"
      type="sif:NCES0024ActivityTypeType" />
    <xs:element name="Location" minOccurs="0" nillable="true"
      type="sif:LocationType" />
    <xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
      type="sif:SIF_MetadataType" />
  - <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
    type="sif:SIF_ExtendedElementsType">
    - <xs:unique name="SIF_ExtendedElementsKey89">
      <xs:selector xpath="./sif:SIF_ExtendedElement" />
      <xs:field xpath="@Name" />

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        </xs:unique>
    </xs:element>
</xs:sequence>
    <xs:attribute name="RefId" use="required" type="sif:RefIdType" />
</xs:complexType>
- <xs:element name="StudentActivityInfo" type="sif:StudentActivityInfoType">
- <xs:unique name="StudentActivityInfoKey1">
    <xs:selector xpath="." />
    <xs:field xpath="@RefId" />
</xs:unique>
</xs:element>
<!-- StudentActivityParticipation -->
- <xs:complexType name="StudentActivityParticipationType">
- <xs:sequence>
    <xs:element name="ParticipationComment" minOccurs="0" nillable="true"
        type="xs:string" />
    <xs:element name="StartDate" minOccurs="0" nillable="true"
        type="xs:date" />
    <xs:element name="EndDate" minOccurs="0" nillable="true"
        type="xs:date" />
    <xs:element name="Role" minOccurs="0" nillable="true"
        type="xs:normalizedString" />
- <xs:element name="RecognitionList" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="Recognition" minOccurs="0"
    maxOccurs="unbounded">
- <xs:complexType>
- <xs:simpleContent>
- <xs:extension base="xs:token">
    <xs:attribute name="Code" use="required"
        type="sif:NCES0674HonorsTypeType" />
</xs:extension>
</xs:simpleContent>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
    type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
    type="sif:SIF_ExtendedElementsType">
- <xs:unique name="SIF_ExtendedElementsKey90">
    <xs:selector xpath="./sif:SIF_ExtendedElement" />
    <xs:field xpath="@Name" />
</xs:unique>
</xs:element>
</xs:sequence>
<xs:attribute name="RefId" use="required" type="sif:RefIdType" />
<xs:attribute name="StudentPersonalRefId" use="required"
    type="sif:IdRefType" />
<xs:attribute name="StudentActivityInfoRefId" use="required"

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type="sif:IdRefType" />
  <xs:attribute name="SchoolYear" use="required"
    type="sif:SchoolYearType" />
</xs:complexType>
- <xs:element name="StudentActivityParticipation"
  type="sif:StudentActivityParticipationType">
- <xs:unique name="StudentActivityParticipationKey1">
  <xs:selector xpath="." />
  <xs:field xpath="@RefId" />
</xs:unique>
</xs:element>
<!-- DisciplineIncident -->
- <xs:complexType name="DisciplineIncidentType">
- <xs:sequence>
- <xs:element name="AgencyReporting" minOccurs="0">
- <xs:complexType>
- <xs:simpleContent>
- <xs:extension base="sif:IdRefTypeOrEmpty">
- <xs:attribute name="SIF_RefObject" use="required">
- <xs:simpleType>
- <xs:restriction base="xs:token">
  <xs:enumeration value="SchoolInfo" />
  <xs:enumeration value="LEAInfo" />
</xs:restriction>
</xs:simpleType>
</xs:attribute>
</xs:extension>
</xs:simpleContent>
</xs:complexType>
</xs:element>
<xs:element name="IncidentNumber" minOccurs="0"
  type="xs:normalizedString" />
<xs:element name="IncidentDate" minOccurs="0" type="xs:date" />
- <xs:element name="IncidentTime" minOccurs="0">
- <xs:complexType>
- <xs:simpleContent>
- <xs:extension base="sif:XSTimeOrEmpty">
  <xs:attribute name="Type" use="required"
    type="sif:SAFETYTimeType" />
</xs:extension>
</xs:simpleContent>
</xs:complexType>
</xs:element>
- <xs:element name="IncidentLocation" minOccurs="0">
- <xs:complexType>
- <xs:simpleContent>
- <xs:extension base="xs:string">
  <xs:attribute name="Type" use="required"
    type="sif:NCES1040IncidentLocationType" />
</xs:extension>
</xs:simpleContent>
</xs:complexType>

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</xs:element>
- <xs:element name="IncidentLocationRefId" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:simpleContent>
- <xs:extension base="sif:IdRefTypeOrEmpty">
- <xs:attribute name="SIF_RefObject" use="required">
- <xs:simpleType>
- <xs:restriction base="xs:token">
<xs:enumeration value="SchoolInfo" />
<xs:enumeration value="LocationInfo" />
</xs:restriction>
</xs:simpleType>
</xs:attribute>
</xs:extension>
</xs:simpleContent>
</xs:complexType>
</xs:element>
<xs:element name="IncidentCost" minOccurs="0" nillable="true"
type="xs:string" />
- <xs:element name="IncidentReporter" minOccurs="0">
- <xs:complexType>
- <xs:sequence>
<xs:element name="Name" minOccurs="0" nillable="true"
type="sif:NameType" />
- <xs:element name="SIF_RefId" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:simpleContent>
- <xs:extension base="sif:IdRefTypeOrEmpty">
- <xs:attribute name="SIF_RefObject"
use="required">
- <xs:simpleType>
- <xs:restriction base="xs:token">
<xs:enumeration
value="StudentPersonal" />
<xs:enumeration
value="StaffPersonal" />
<xs:enumeration
value="EmployeePersonal" />
<xs:enumeration
value="StudentContact" />
</xs:restriction>
</xs:simpleType>
</xs:attribute>
</xs:extension>
</xs:simpleContent>
</xs:complexType>
</xs:element>
</xs:sequence>
<xs:attribute name="Type" use="required"
type="sif:NCES1043ReporterDescriptionType" />
</xs:complexType>
</xs:element>

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- <xs:element name="RelatedToList" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
  <xs:element name="RelatedTo" minOccurs="0"
    maxOccurs="unbounded"
    type="sif:NCES1048SecondaryIncidentBehaviorType" />
</xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="WeaponTypeList" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
  <xs:element name="WeaponType" minOccurs="0"
    maxOccurs="unbounded"
    type="sif:NCES1045WeaponTypeType" />
</xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="IncidentCategory" minOccurs="0">
- <xs:complexType>
- <xs:sequence>
  <xs:element name="Code" minOccurs="0"
    type="sif:NCES1049IncidentCodeType" />
  <xs:element name="OtherCodeList" minOccurs="0"
    nillable="true" type="sif:OtherCodeListType" />
</xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="OffenderList" minOccurs="0">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="Offender" minOccurs="0"
  maxOccurs="unbounded">
- <xs:complexType>
- <xs:sequence>
  <xs:element ref="sif:Name" minOccurs="0" />
- <xs:element name="SIF_RefId" minOccurs="0"
  nillable="true">
- <xs:complexType>
- <xs:simpleContent>
- <xs:extension
  base="sif:IdRefTypeOrEmpty">
- <xs:attribute name="SIF_RefObject"
  use="required">
- <xs:simpleType>
- <xs:restriction
  base="xs:token">
  <xs:enumeration
  value="StudentPersonal" />
  <xs:enumeration
  value="StaffPersonal" />
  <xs:enumeration
  value="EmployeePersonal" />

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        </xs:restriction>
      </xs:simpleType>
    </xs:attribute>
  </xs:extension>
</xs:simpleContent>
</xs:complexType>
</xs:element>
<xs:element name="Injury" minOccurs="0"
  type="sif:NCES1046IncidentInjuryType" />
- <xs:element name="ManifestationDetermination"
  minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="MeetingHeld"
  minOccurs="0" nillable="true">
- <xs:simpleType>
- <xs:restriction base="xs:token">
  <xs:enumeration
    value="Yes" />
  <xs:enumeration value="No" />
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="MeetingDate"
  minOccurs="0" nillable="true"
  type="xs:date" />
- <xs:element name="DueToDisability"
  minOccurs="0" nillable="true">
- <xs:simpleType>
- <xs:restriction base="xs:token">
  <xs:enumeration
    value="Yes" />
  <xs:enumeration value="No" />
</xs:restriction>
</xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="ActionList" minOccurs="0"
  nillable="true">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="Action"
  minOccurs="0"
  maxOccurs="unbounded">
- <xs:complexType>
- <xs:sequence>
  <xs:element name="Code"
    minOccurs="0"
    type="sif:NCES1054DisciplinaryActionType" />
  <xs:element
    name="OtherCodeList"

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minOccurs="0" nillable="true"
  type="sif:OtherCodeListType" />
<xs:element name="StartDate"
  minOccurs="0"
  type="xs:date" />
<xs:element name="EndDate"
  minOccurs="0"
  type="xs:date" />
<xs:element name="Duration"
  minOccurs="0"
  type="xs:decimal" />
- <xs:element
  name="ZeroTolerance"
  minOccurs="0">
- <xs:simpleType>
- <xs:restriction
  base="xs:token">
  <xs:enumeration
    value="Yes" />
  <xs:enumeration
    value="No" />
  </xs:restriction>
</xs:simpleType>
</xs:element>
- <xs:element
  name="FullYearExpulsion"
  minOccurs="0">
- <xs:simpleType>
- <xs:restriction
  base="xs:token">
  <xs:enumeration
    value="Yes" />
  <xs:enumeration
    value="No" />
  </xs:restriction>
</xs:simpleType>
</xs:element>
- <xs:element
  name="ShortenedExpulsion"
  minOccurs="0">
- <xs:simpleType>
- <xs:restriction
  base="xs:token">
  <xs:enumeration
    value="Yes" />
  <xs:enumeration
    value="No" />
  </xs:restriction>
</xs:simpleType>
</xs:element>
- <xs:element
  name="PoliceNotification"
  minOccurs="0">
- <xs:simpleType>

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- <xs:restriction
  base="xs:token">
  <xs:enumeration
    value="Yes" />
  <xs:enumeration
    value="No" />
  </xs:restriction>
</xs:simpleType>
</xs:element>
- <xs:element name="Arrest"
  minOccurs="0">
- <xs:simpleType>
- <xs:restriction
  base="xs:token">
  <xs:enumeration
    value="Yes" />
  <xs:enumeration
    value="No" />
  <xs:enumeration
    value="Pending" />
  </xs:restriction>
</xs:simpleType>
</xs:element>
- <xs:element
  name="AlternativeEducation"
  minOccurs="0">
- <xs:simpleType>
- <xs:restriction
  base="xs:token">
  <xs:enumeration
    value="Yes" />
  <xs:enumeration
    value="No" />
  </xs:restriction>
</xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
<xs:attribute name="Type" use="required"
  type="sif:NCES1043ReporterDescriptionType" />
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="VictimList" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>

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- <xs:element name="Victim" minOccurs="0"
  maxOccurs="unbounded">
  - <xs:complexType>
    - <xs:sequence>
      <xs:element name="Name" minOccurs="0"
        nillable="true" type="sif:NameType" />
      - <xs:element name="SIF_RefId" minOccurs="0"
        nillable="true">
        - <xs:complexType>
          - <xs:simpleContent>
            - <xs:extension
              base="sif:IdRefTypeOrEmpty">
              - <xs:attribute name="SIF_RefObject"
                use="required">
                - <xs:simpleType>
                  - <xs:restriction
                    base="xs:token">
                    <xs:enumeration
                      value="StudentPersonal" />
                    <xs:enumeration
                      value="StaffPersonal" />
                    <xs:enumeration
                      value="EmployeePersonal" />
                    </xs:restriction>
                  </xs:simpleType>
                </xs:attribute>
              </xs:extension>
            </xs:simpleContent>
          </xs:complexType>
        </xs:element>
      <xs:element name="Injury" minOccurs="0"
        type="sif:NCES1046IncidentInjuryType" />
    </xs:sequence>
    <xs:attribute name="Type" use="required"
      type="sif:NCES1043ReporterDescriptionType" />
  </xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
  type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
  - <xs:unique name="SIF_ExtendedElementsKey91">
    <xs:selector xpath="/sif:SIF_ExtendedElement" />
    <xs:field xpath="@Name" />
  </xs:unique>
</xs:element>
</xs:sequence>
<xs:attribute name="RefId" use="required" type="sif:RefIdType" />
<xs:attribute name="SchoolYear" use="required"
  type="sif:SchoolYearType" />

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</xs:complexType>
- <xs:element name="DisciplineIncident" type="sif:DisciplineIncidentType">
- <xs:unique name="DisciplineIncidentKey1">
  <xs:selector xpath="." />
  <xs:field xpath="@RefId" />
</xs:unique>
</xs:element>
<!-- CalendarSummary -->
- <xs:complexType name="CalendarSummaryType">
- <xs:sequence>
  <xs:element ref="sif:LocalId" minOccurs="0" />
  <xs:element name="Description" minOccurs="0" nillable="true"
    type="xs:string" />
  <xs:element name="DaysInSession" minOccurs="0"
    type="xs:unsignedInt" />
  <xs:element name="StartDate" minOccurs="0" nillable="true"
    type="xs:date" />
  <xs:element name="EndDate" minOccurs="0" nillable="true"
    type="xs:date" />
  <xs:element name="FirstInstructionDate" minOccurs="0" nillable="true"
    type="xs:date" />
  <xs:element name="LastInstructionDate" minOccurs="0" nillable="true"
    type="xs:date" />
  <xs:element name="GraduationDate" minOccurs="0" nillable="true"
    type="sif:GraduationDateType" />
  <xs:element name="InstructionalMinutes" minOccurs="0" nillable="true"
    type="xs:unsignedInt" />
  <xs:element name="MinutesPerDay" minOccurs="0" nillable="true"
    type="xs:unsignedInt" />
  <xs:element name="GradeLevels" minOccurs="0" nillable="true"
    type="sif:GradeLevelsType" />
  <xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
    type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
- <xs:unique name="SIF_ExtendedElementsKey92">
  <xs:selector xpath="./sif:SIF_ExtendedElement" />
  <xs:field xpath="@Name" />
</xs:unique>
</xs:element>
</xs:sequence>
  <xs:attribute name="RefId" use="required" type="sif:RefIdType" />
  <xs:attribute name="SchoolInfoRefId" use="required" type="sif:IdRefType" />
  <xs:attribute name="SchoolYear" use="required"
    type="sif:SchoolYearType" />
</xs:complexType>
- <xs:element name="CalendarSummary" type="sif:CalendarSummaryType">
- <xs:unique name="CalendarSummaryKey1">
  <xs:selector xpath="." />
  <xs:field xpath="@RefId" />
</xs:unique>
</xs:element>
<!-- CalendarDate -->

```

```

- <xs:complexType name="CalendarDateType">
- <xs:sequence>
- <xs:element name="CalendarDateType" minOccurs="0">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="Code" minOccurs="0">
- <xs:simpleType>
- <xs:union>
- <xs:simpleType>
  <xs:restriction
    base="sif:NCES0084CalendarEventType" />
</xs:simpleType>
- <xs:simpleType>
- <xs:restriction base="xs:token">
  <xs:enumeration value="INST" />
  <xs:enumeration value="MKUP" />
</xs:restriction>
</xs:simpleType>
</xs:union>
</xs:simpleType>
</xs:element>
<xs:element name="OtherCodeList" minOccurs="0"
  nillable="true" type="sif:OtherCodeListType" />
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="CalendarDateNumber" minOccurs="0" nillable="true"
  type="xs:unsignedInt" />
- <xs:element name="StudentAttendance" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="CountsTowardAttendance" minOccurs="0">
- <xs:simpleType>
- <xs:restriction base="xs:token">
  <xs:enumeration value="Yes" />
  <xs:enumeration value="No" />
</xs:restriction>
</xs:simpleType>
</xs:element>
- <xs:element name="AttendanceValue" minOccurs="0">
- <xs:simpleType>
- <xs:restriction base="xs:decimal">
  <xs:minInclusive value="0"
    xmlns:xs="http://www.w3.org/2001/XMLSchema" />
  <xs:maxInclusive value="1"
    xmlns:xs="http://www.w3.org/2001/XMLSchema" />
  <xs:fractionDigits value="1"
    xmlns:xs="http://www.w3.org/2001/XMLSchema" />
</xs:restriction>
</xs:simpleType>
</xs:element>
</xs:sequence>

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```

</xs:complexType>
</xs:element>
- <xs:element name="TeacherAttendance" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="CountsTowardAttendance" minOccurs="0">
- <xs:simpleType>
- <xs:restriction base="xs:token">
  <xs:enumeration value="Yes" />
  <xs:enumeration value="No" />
</xs:restriction>
</xs:simpleType>
</xs:element>
- <xs:element name="AttendanceValue" minOccurs="0">
- <xs:simpleType>
- <xs:restriction base="xs:decimal">
  <xs:minInclusive value="0"
    xmlns:xs="http://www.w3.org/2001/XMLSchema" />
  <xs:maxInclusive value="1"
    xmlns:xs="http://www.w3.org/2001/XMLSchema" />
  <xs:fractionDigits value="1"
    xmlns:xs="http://www.w3.org/2001/XMLSchema" />
</xs:restriction>
</xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="AdministratorAttendance" minOccurs="0"
  nillable="true">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="CountsTowardAttendance" minOccurs="0">
- <xs:simpleType>
- <xs:restriction base="xs:token">
  <xs:enumeration value="Yes" />
  <xs:enumeration value="No" />
</xs:restriction>
</xs:simpleType>
</xs:element>
- <xs:element name="AttendanceValue" minOccurs="0">
- <xs:simpleType>
- <xs:restriction base="xs:decimal">
  <xs:minInclusive value="0"
    xmlns:xs="http://www.w3.org/2001/XMLSchema" />
  <xs:maxInclusive value="1"
    xmlns:xs="http://www.w3.org/2001/XMLSchema" />
  <xs:fractionDigits value="1"
    xmlns:xs="http://www.w3.org/2001/XMLSchema" />
</xs:restriction>
</xs:simpleType>
</xs:element>

```

```

    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
  type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
  - <xs:unique name="SIF_ExtendedElementsKey93">
    <xs:selector xpath="/sif:SIF_ExtendedElement" />
    <xs:field xpath="@Name" />
  </xs:unique>
</xs:element>
</xs:sequence>
<xs:attribute name="Date" use="required" type="xs:date" />
<xs:attribute name="CalendarSummaryRefId" use="required"
  type="sif:IdRefType" />
<xs:attribute name="SchoolInfoRefId" use="required" type="sif:IdRefType" />
<xs:attribute name="SchoolYear" use="required"
  type="sif:SchoolYearType" />
</xs:complexType>
- <xs:element name="CalendarDate" type="sif:CalendarDateType">
  - <xs:unique name="CalendarDateKey1">
    <xs:selector xpath="." />
    <xs:field xpath="@Date" />
    <xs:field xpath="@CalendarSummaryRefId" />
  </xs:unique>
</xs:element>
<!-- StudentAttendanceSummary -->
- <xs:complexType name="StudentAttendanceSummaryType">
  - <xs:sequence>
    <xs:element name="StartDate" minOccurs="0" type="xs:date" />
    <xs:element name="StartDay" minOccurs="0" type="xs:unsignedInt" />
    <xs:element name="EndDate" minOccurs="0" type="xs:date" />
    <xs:element name="EndDay" minOccurs="0" type="xs:unsignedInt" />
  - <xs:element name="Resident" minOccurs="0">
    - <xs:simpleType>
      - <xs:restriction base="xs:token">
        <xs:enumeration value="Yes" />
        <xs:enumeration value="No" />
        <xs:enumeration value="Unknown" />
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  - <xs:element name="FTE" minOccurs="0" nillable="true">
    - <xs:simpleType>
      - <xs:restriction base="xs:decimal">
        <xs:minInclusive value="0"
          xmlns:xs="http://www.w3.org/2001/XMLSchema" />
        <xs:maxInclusive value="1"
          xmlns:xs="http://www.w3.org/2001/XMLSchema" />
        <xs:fractionDigits value="2"
          xmlns:xs="http://www.w3.org/2001/XMLSchema" />
      </xs:restriction>
    </xs:simpleType>
  </xs:element>

```

```

        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="DaysAttended" minOccurs="0" type="xs:decimal" />
<xs:element name="ExcusedAbsences" minOccurs="0"
    type="xs:decimal" />
<xs:element name="UnexcusedAbsences" minOccurs="0"
    type="xs:decimal" />
<xs:element name="DaysTardy" minOccurs="0" nillable="true"
    type="xs:decimal" />
<xs:element name="DaysInMembership" minOccurs="0"
    type="xs:decimal" />
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
    type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
    type="sif:SIF_ExtendedElementsType">
- <xs:unique name="SIF_ExtendedElementsKey94">
    <xs:selector xpath="/sif:SIF_ExtendedElement" />
    <xs:field xpath="@Name" />
</xs:unique>
</xs:element>
</xs:sequence>
<xs:attribute name="StudentPersonalRefId" use="required"
    type="sif:IdRefType" />
<xs:attribute name="SchoolInfoRefId" use="required" type="sif:IdRefType" />
<xs:attribute name="SchoolYear" use="required"
    type="sif:SchoolYearType" />
</xs:complexType>
- <xs:element name="StudentAttendanceSummary"
    type="sif:StudentAttendanceSummaryType">
- <xs:unique name="StudentAttendanceSummaryKey1">
    <xs:selector xpath="." />
    <xs:field xpath="@StudentPersonalRefId" />
    <xs:field xpath="@SchoolInfoRefId" />
    <xs:field xpath="@SchoolYear" />
    <xs:field xpath="/sif:StartDate" />
    <xs:field xpath="/sif:EndDate" />
</xs:unique>
</xs:element>
<!-- AttendanceCodeInfo -->
- <xs:complexType name="AttendanceCodeInfoType">
- <xs:sequence>
    <xs:element name="AttendanceCode" minOccurs="0" type="xs:token" />
- <xs:element name="AttendanceType" minOccurs="0">
- <xs:simpleType>
- <xs:restriction base="xs:token">
    <xs:enumeration value="Absent" />
    <xs:enumeration value="Tardy" />
    <xs:enumeration value="EarlyDeparture" />
    <xs:enumeration value="Partial" />
    <xs:enumeration value="Present" />
    <xs:enumeration value="Other" />
</xs:restriction>

```



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    </xs:simpleType>
  </xs:element>
- <xs:element name="AttendanceStatus" minOccurs="0">
- <xs:simpleType>
  - <xs:restriction base="xs:token">
    <xs:enumeration value="Excused" />
    <xs:enumeration value="Unexcused" />
    <xs:enumeration value="Unknown" />
    <xs:enumeration value="NA" />
  </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="Description" minOccurs="0" nillable="true"
  type="xs:normalizedString" />
- <xs:element name="AbsenceValue" minOccurs="0" nillable="true">
- <xs:simpleType>
  - <xs:restriction base="xs:decimal">
    <xs:minInclusive value="0"
      xmlns:xs="http://www.w3.org/2001/XMLSchema" />
    <xs:fractionDigits value="3"
      xmlns:xs="http://www.w3.org/2001/XMLSchema" />
  </xs:restriction>
</xs:simpleType>
</xs:element>
- <xs:element name="UsedForDailyAttendance" minOccurs="0">
- <xs:simpleType>
  - <xs:restriction base="xs:token">
    <xs:enumeration value="Yes" />
    <xs:enumeration value="No" />
  </xs:restriction>
</xs:simpleType>
</xs:element>
- <xs:element name="UsedForPeriodAttendance" minOccurs="0">
- <xs:simpleType>
  - <xs:restriction base="xs:token">
    <xs:enumeration value="Yes" />
    <xs:enumeration value="No" />
  </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
  type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
- <xs:unique name="SIF_ExtendedElementsKey95">
  <xs:selector xpath="./sif:SIF_ExtendedElement" />
  <xs:field xpath="@Name" />
</xs:unique>
</xs:element>
</xs:sequence>
<xs:attribute name="RefId" use="required" type="sif:RefIdType" />
<xs:attribute name="SchoolInfoRefId" use="required" type="sif:IdRefType" />

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```

</xs:complexType>
- <xs:element name="AttendanceCodeInfo" type="sif:AttendanceCodeInfoType">
- <xs:unique name="AttendanceCodeInfoKey1">
  <xs:selector xpath="." />
  <xs:field xpath="@RefId" />
</xs:unique>
</xs:element>
<!-- RoomInfo -->
- <xs:complexType name="RoomInfoType">
- <xs:sequence>
  <xs:element name="RoomNumber" minOccurs="0" type="xs:token" />
  - <xs:element name="StaffList" minOccurs="0" nillable="true">
    - <xs:complexType>
      - <xs:sequence>
        <xs:element name="StaffPersonalRefId" minOccurs="0"
          maxOccurs="unbounded" type="sif:IdRefType" />
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="Description" minOccurs="0" nillable="true"
    type="xs:normalizedString" />
  <xs:element name="Building" minOccurs="0" nillable="true"
    type="xs:normalizedString" />
  <xs:element name="HomeroomNumber" minOccurs="0" nillable="true"
    type="xs:normalizedString" />
  <xs:element name="Size" minOccurs="0" nillable="true"
    type="xs:decimal" />
  <xs:element name="Capacity" minOccurs="0" nillable="true"
    type="xs:unsignedInt" />
  <xs:element name="PhoneNumber" minOccurs="0" nillable="true"
    type="sif:PhoneNumberType" />
  <xs:element name="RoomTypeRefId" minOccurs="0" nillable="true"
    type="sif:IdRefType" />
  <xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
    type="sif:SIF_MetadataType" />
  - <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
    type="sif:SIF_ExtendedElementsType">
    - <xs:unique name="SIF_ExtendedElementsKey96">
      <xs:selector xpath="./sif:SIF_ExtendedElement" />
      <xs:field xpath="@Name" />
    </xs:unique>
  </xs:element>
</xs:sequence>
  <xs:attribute name="RefId" use="required" type="sif:RefIdType" />
  <xs:attribute name="SchoolInfoRefId" use="required" type="sif:IdRefType" />
</xs:complexType>
- <xs:element name="RoomInfo" type="sif:RoomInfoType">
- <xs:unique name="RoomInfoKey1">
  <xs:selector xpath="." />
  <xs:field xpath="@RefId" />
</xs:unique>
</xs:element>
<!-- RoomType -->

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- <xs:complexType name="RoomTypeType">
- <xs:sequence>
  <xs:element name="Description" minOccurs="0"
    type="xs:normalizedString" />
  <xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
    type="sif:SIF_MetadataType" />
  - <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
    type="sif:SIF_ExtendedElementsType">
    - <xs:unique name="SIF_ExtendedElementsKey97">
      <xs:selector xpath="/sif:SIF_ExtendedElement" />
      <xs:field xpath="@Name" />
    </xs:unique>
  </xs:element>
</xs:sequence>
  <xs:attribute name="RefId" use="required" type="sif:RefIdType" />
  <xs:attribute name="SchoolInfoRefId" use="required" type="sif:IdRefType" />
</xs:complexType>
- <xs:element name="RoomType" type="sif:RoomTypeType">
- <xs:unique name="RoomTypeKey1">
  <xs:selector xpath="." />
  <xs:field xpath="@RefId" />
</xs:unique>
</xs:element>
<!-- SchoolCourseInfo -->
- <xs:complexType name="SchoolCourseInfoType">
- <xs:sequence>
  <xs:element ref="sif:CourseCode" minOccurs="0" />
  <xs:element name="StateCourseCode" minOccurs="0" nillable="true"
    type="sif:StateCourseCodeType" />
  <xs:element name="DistrictCourseCode" minOccurs="0" nillable="true"
    type="sif:DistrictCourseCodeType" />
  <xs:element name="SubjectAreaList" minOccurs="0" nillable="true"
    type="sif:SubjectAreaListType" />
  <xs:element ref="sif:CourseTitle" minOccurs="0" />
  <xs:element name="Description" minOccurs="0" nillable="true"
    type="xs:normalizedString" />
  <xs:element name="InstructionalLevel" minOccurs="0" nillable="true"
    type="sif:InstructionalLevelType" />
  <xs:element name="CourseCredits" minOccurs="0" nillable="true"
    type="sif:CourseCreditsType" />
  - <xs:element name="CoreAcademicCourse" minOccurs="0" nillable="true">
    - <xs:simpleType>
      - <xs:restriction base="xs:token">
        <xs:enumeration value="Yes" />
        <xs:enumeration value="No" />
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="GraduationRequirement" minOccurs="0" nillable="true"
    type="sif:GraduationRequirementType" />
  <xs:element name="Department" minOccurs="0" nillable="true"
    type="xs:normalizedString" />
  <xs:element name="SCEDCode" minOccurs="0" nillable="true"

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type="sif:SCEDCodeType" />
  <xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
    type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
  - <xs:unique name="SIF_ExtendedElementsKey98">
    <xs:selector xpath="/sif:SIF_ExtendedElement" />
    <xs:field xpath="@Name" />
  </xs:unique>
</xs:element>
</xs:sequence>
<xs:attribute name="RefId" use="required" type="sif:RefIdType" />
<xs:attribute name="SchoolInfoRefId" use="required" type="sif:IdRefType" />
<xs:attribute name="SchoolYear" use="required"
  type="sif:SchoolYearType" />
</xs:complexType>
- <xs:element name="SchoolCourseInfo" type="sif:SchoolCourseInfoType">
- <xs:unique name="SchoolCourseInfoKey1">
  <xs:selector xpath="." />
  <xs:field xpath="@RefId" />
</xs:unique>
</xs:element>
<!-- SchoolInfo -->
- <xs:complexType name="SchoolInfoType">
- <xs:sequence>
  <xs:element name="LocalId" minOccurs="0" nillable="true"
    type="sif:LocalIdType" />
  <xs:element name="StateProvinceId" minOccurs="0" nillable="true"
    type="sif:StateProvinceIdType" />
  <xs:element name="NCESId" minOccurs="0" nillable="true"
    type="sif:NCESIdType" />
  <xs:element name="SchoolName" minOccurs="0"
    type="xs:normalizedString" />
  <xs:element name="LEAInfoRefId" minOccurs="0" nillable="true"
    type="sif:IdRefType" />
  - <xs:element name="OtherLEA" minOccurs="0" nillable="true">
    - <xs:complexType>
      - <xs:simpleContent>
        - <xs:extension base="sif:IdRefTypeOrEmpty">
          - <xs:attribute name="SIF_RefObject" use="required">
            - <xs:simpleType>
              - <xs:restriction base="xs:token">
                <xs:enumeration value="LEAInfo" />
              </xs:restriction>
            </xs:simpleType>
          </xs:attribute>
        </xs:extension>
      </xs:simpleContent>
    </xs:complexType>
  </xs:element>
  <xs:element name="SchoolType" minOccurs="0" nillable="true"
    type="sif:NCES0031SchoolLevelType" />
- <xs:element name="SchoolFocusList" minOccurs="0" nillable="true">

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- <xs:complexType>
  - <xs:sequence>
    - <xs:element name="SchoolFocus" minOccurs="0"
      maxOccurs="unbounded">
      - <xs:simpleType>
        - <xs:restriction base="xs:token">
          <xs:enumeration value="Regular" />
          <xs:enumeration value="SpecialEd" />
          <xs:enumeration value="Vocational" />
          <xs:enumeration value="Alternative" />
          <xs:enumeration value="Magnet" />
          <xs:enumeration value="Charter" />
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="SchoolURL" minOccurs="0" nillable="true"
  type="sif:SchoolURLType" />
- <xs:element name="PrincipalInfo" minOccurs="0" nillable="true">
  - <xs:complexType>
    - <xs:sequence>
      <xs:element name="ContactName" minOccurs="0"
        type="xs:normalizedString" />
      <xs:element name="ContactTitle" minOccurs="0" nillable="true"
        type="xs:normalizedString" />
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="SchoolContactList" minOccurs="0" nillable="true"
  type="sif:SchoolContactListType" />
- <xs:element name="AddressList" minOccurs="0" nillable="true"
  type="sif:AddressListType">
  - <xs:unique name="AddressListKey12">
    <xs:selector xpath="./sif:Address" />
    <xs:field xpath="@Type" />
  </xs:unique>
</xs:element>
- <xs:element name="PhoneNumberList" minOccurs="0" nillable="true"
  type="sif:PhoneNumberListType">
  - <xs:unique name="PhoneNumberListKey13">
    <xs:selector xpath="./sif:PhoneNumber" />
    <xs:field xpath="@Type" />
  </xs:unique>
</xs:element>
<xs:element name="IdentificationInfoList" minOccurs="0" nillable="true"
  type="sif:IdentificationInfoListType" />
<xs:element name="SessionType" minOccurs="0" nillable="true"
  type="sif:NCES0266SessionTypeType" />
<xs:element name="GradeLevels" minOccurs="0" nillable="true"
  type="sif:GradeLevelsType" />
- <xs:element name="Title1Status" minOccurs="0" nillable="true">

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```

- <xs:simpleType>
- <xs:restriction base="xs:token">
  <xs:enumeration value="Targeted" />
  <xs:enumeration value="SchoolWide" />
  <xs:enumeration value="NA" />
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="OperationalStatus" minOccurs="0" nillable="true"
  type="sif:OperationalStatusType" />
<xs:element name="CongressionalDistrict" minOccurs="0" nillable="true"
  type="sif:CongressionalDistrictType" />
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
  type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
- <xs:unique name="SIF_ExtendedElementsKey99">
  <xs:selector xpath="./sif:SIF_ExtendedElement" />
  <xs:field xpath="@Name" />
</xs:unique>
</xs:element>
</xs:sequence>
<xs:attribute name="RefId" use="required" type="sif:RefIdType" />
</xs:complexType>
- <xs:element name="SchoolInfo" type="sif:SchoolInfoType">
- <xs:unique name="SchoolInfoKey1">
  <xs:selector xpath="." />
  <xs:field xpath="@RefId" />
</xs:unique>
</xs:element>
<!-- SectionInfo -->
- <xs:complexType name="SectionInfoType">
- <xs:sequence>
  <xs:element ref="sif:LocalId" minOccurs="0" />
  <xs:element name="Description" minOccurs="0" nillable="true"
    type="xs:normalizedString" />
- <xs:element name="ScheduleInfoList" minOccurs="0">
- <xs:complexType>
- <xs:sequence>
  - <xs:element name="ScheduleInfo" minOccurs="0"
    maxOccurs="unbounded">
  - <xs:complexType>
  - <xs:sequence>
    - <xs:element name="TeacherList" minOccurs="0"
      nillable="true">
    - <xs:complexType>
    - <xs:sequence>
      <xs:element name="StaffPersonalRefId"
        minOccurs="0" maxOccurs="unbounded"
        type="sif:IdRefType" />
    </xs:sequence>
    </xs:complexType>
  </xs:element>

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```

- <xs:element name="SectionRoomList" minOccurs="0"
  nillable="true">
- <xs:complexType>
- <xs:sequence>
  <xs:element name="RoomInfoRefId"
    minOccurs="0" maxOccurs="unbounded"
    type="sif:IdRefType" />
  </xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="MeetingTimeList" minOccurs="0"
  nillable="true">
- <xs:complexType>
- <xs:sequence>
  <xs:element ref="sif:MeetingTime"
    minOccurs="0"
    maxOccurs="unbounded" />
  </xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
<xs:attribute name="TermInfoRefId" use="required"
  type="sif:IdRefType" />
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="MediumOfInstruction" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
  <xs:element name="Code" minOccurs="0"
    type="sif:NCES0209MediumOfInstructionType" />
  <xs:element name="OtherCodeList" minOccurs="0"
    nillable="true" type="sif:OtherCodeListType" />
  </xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="LanguageOfInstruction" minOccurs="0"
  nillable="true">
- <xs:complexType>
- <xs:sequence>
  <xs:element name="Code" minOccurs="0"
    type="sif:NISOZ3953LanguageCodesType" />
  <xs:element name="OtherCodeList" minOccurs="0"
    nillable="true" type="sif:OtherCodeListType" />
  </xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="LocationOfInstruction" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
  <xs:element name="Code" minOccurs="0"

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    type="sif:NCES0171ReceivingLocationOfInstructionServiceType" />
    <xs:element name="OtherCodeList" minOccurs="0"
      nillable="true" type="sif:OtherCodeListType" />
  </xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="SummerSchool" minOccurs="0" nillable="true">
  - <xs:simpleType>
    - <xs:restriction base="xs:token">
      <xs:enumeration value="Yes" />
      <xs:enumeration value="No" />
    </xs:restriction>
  </xs:simpleType>
</xs:element>
- <xs:element name="SchoolCourseInfoOverride" minOccurs="0"
  nillable="true">
  - <xs:complexType>
    - <xs:sequence>
      <xs:element name="CourseCode" minOccurs="0" nillable="true"
        type="sif:CourseCodeType" />
      <xs:element name="StateCourseCode" minOccurs="0"
        nillable="true" type="sif:StateCourseCodeType" />
      <xs:element name="DistrictCourseCode" minOccurs="0"
        nillable="true" type="sif:DistrictCourseCodeType" />
      <xs:element name="SubjectArea" minOccurs="0" nillable="true"
        type="sif:SubjectAreaType" />
      <xs:element name="CourseTitle" minOccurs="0" nillable="true"
        type="sif:CourseTitleType" />
      <xs:element name="InstructionalLevel" minOccurs="0"
        nillable="true" type="sif:InstructionalLevelType" />
      <xs:element name="CourseCredits" minOccurs="0"
        nillable="true" type="sif:CourseCreditsType" />
    </xs:sequence>
    - <xs:attribute name="Override" use="required">
      - <xs:simpleType>
        - <xs:restriction base="xs:token">
          <xs:enumeration value="Yes" />
          <xs:enumeration value="No" />
        </xs:restriction>
      </xs:simpleType>
    </xs:attribute>
  </xs:complexType>
</xs:element>
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
  type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
  - <xs:unique name="SIF_ExtendedElementsKey100">
    <xs:selector xpath="/sif:SIF_ExtendedElement" />
    <xs:field xpath="@Name" />
  </xs:unique>
</xs:element>
</xs:sequence>

```



```

<xs:attribute name="RefId" use="required" type="sif:RefIdType" />
<xs:attribute name="SchoolCourseInfoRefId" use="required"
  type="sif:IdRefType" />
<xs:attribute name="SchoolYear" use="required"
  type="sif:SchoolYearType" />
</xs:complexType>
- <xs:element name="SectionInfo" type="sif:SectionInfoType">
- <xs:unique name="SectionInfoKey1">
  <xs:selector xpath="." />
  <xs:field xpath="@RefId" />
</xs:unique>
</xs:element>
<!-- StaffPersonal -->
- <xs:complexType name="StaffPersonalType">
- <xs:sequence>
  <xs:element ref="sif:LocalId" minOccurs="0" />
  <xs:element name="StateProvinceId" minOccurs="0" nillable="true"
    type="sif:StateProvinceIdType" />
  <xs:element name="ElectronicIdList" minOccurs="0" nillable="true"
    type="sif:ElectronicIdListType" />
  - <xs:element name="OtherIdList" minOccurs="0" nillable="true">
    - <xs:complexType>
      - <xs:sequence>
        - <xs:element name="OtherId" minOccurs="0"
          maxOccurs="unbounded">
          - <xs:complexType>
            - <xs:simpleContent>
              - <xs:extension base="xs:normalizedString">
                - <xs:attribute name="Type" use="required">
                  - <xs:simpleType>
                    - <xs:restriction
                      base="sif:NCES0147IdentificationSystemType">
                      <xs:enumeration value="0328" />
                      <xs:enumeration value="0164" />
                      <xs:enumeration value="0339" />
                      <xs:enumeration value="9999" />
                      <xs:enumeration value="0222" />
                      <xs:enumeration value="0154" />
                      <xs:enumeration value="0399" />
                      <xs:enumeration value="0004" />
                      <xs:enumeration value="0113" />
                      <xs:enumeration value="5013" />
                    </xs:restriction>
                  </xs:simpleType>
                </xs:attribute>
              </xs:extension>
            </xs:simpleContent>
          </xs:complexType>
        </xs:element>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>

```

```

<xs:element name="Name" minOccurs="0"
  type="sif:NameOfRecordType" />
- <xs:element name="OtherNames" minOccurs="0" nillable="true"
  type="sif:OtherNamesType">
- <xs:unique name="OtherNamesKey3">
  <xs:selector xpath="/sif:Name" />
  <xs:field xpath="@Type" />
</xs:unique>
</xs:element>
<xs:element name="Demographics" minOccurs="0" nillable="true"
  type="sif:DemographicsType" />
<xs:element name="Title" minOccurs="0" nillable="true"
  type="xs:normalizedString" />
- <xs:element name="AddressList" minOccurs="0" nillable="true"
  type="sif:AddressListType">
- <xs:unique name="AddressListKey13">
  <xs:selector xpath="/sif:Address" />
  <xs:field xpath="@Type" />
</xs:unique>
</xs:element>
- <xs:element name="PhoneNumberList" minOccurs="0" nillable="true"
  type="sif:PhoneNumberListType">
- <xs:unique name="PhoneNumberListKey14">
  <xs:selector xpath="/sif:PhoneNumber" />
  <xs:field xpath="@Type" />
</xs:unique>
</xs:element>
- <xs:element name="EmailList" minOccurs="0" nillable="true"
  type="sif:EmailListType">
- <xs:unique name="EmailListKey4">
  <xs:selector xpath="/sif:Email" />
  <xs:field xpath="@Type" />
</xs:unique>
</xs:element>
<xs:element name="EmployeePersonalRefId" minOccurs="0" nillable="true"
  type="sif:IdRefType" />
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
  type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
- <xs:unique name="SIF_ExtendedElementsKey101">
  <xs:selector xpath="/sif:SIF_ExtendedElement" />
  <xs:field xpath="@Name" />
</xs:unique>
</xs:element>
</xs:sequence>
<xs:attribute name="RefId" use="required" type="sif:RefIdType" />
</xs:complexType>
- <xs:element name="StaffPersonal" type="sif:StaffPersonalType">
- <xs:unique name="StaffPersonalKey1">
  <xs:selector xpath="." />
  <xs:field xpath="@RefId" />
</xs:unique>

```

```

</xs:element>
<!-- StudentContact -->
- <xs:complexType name="StudentContactType">
- <xs:sequence>
  <xs:element name="LocalId" minOccurs="0" nillable="true"
    type="sif:LocalIdType" />
  - <xs:element name="OtherIdList" minOccurs="0" nillable="true">
    - <xs:complexType>
      - <xs:sequence>
        - <xs:element name="OtherId" minOccurs="0"
          maxOccurs="unbounded">
          - <xs:complexType>
            - <xs:simpleContent>
              - <xs:extension base="xs:normalizedString">
                - <xs:attribute name="Type" use="required">
                  - <xs:simpleType>
                    - <xs:restriction
                      base="sif:NCES0147IdentificationSystemType">
                      <xs:enumeration value="0328" />
                      <xs:enumeration value="0164" />
                      <xs:enumeration value="0339" />
                      <xs:enumeration value="9999" />
                      <xs:enumeration value="0222" />
                      <xs:enumeration value="0154" />
                      <xs:enumeration value="0399" />
                      <xs:enumeration value="0004" />
                      <xs:enumeration value="0113" />
                      <xs:enumeration value="5013" />
                    </xs:restriction>
                  </xs:simpleType>
                </xs:attribute>
              </xs:extension>
            </xs:simpleContent>
          </xs:complexType>
        </xs:element>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="Name" minOccurs="0"
    type="sif:NameOfRecordType" />
  - <xs:element name="OtherNames" minOccurs="0" nillable="true"
    type="sif:OtherNamesType">
    - <xs:unique name="OtherNamesKey4">
      <xs:selector xpath="./sif:Name" />
      <xs:field xpath="@Type" />
    </xs:unique>
  </xs:element>
  <xs:element name="Demographics" minOccurs="0" nillable="true"
    type="sif:DemographicsType" />
  - <xs:element name="AddressList" minOccurs="0" nillable="true"
    type="sif:AddressListType">
    - <xs:unique name="AddressListKey14">

```

```

    <xs:selector xpath="./sif:Address" />
    <xs:field xpath="@Type" />
  </xs:unique>
</xs:element>
- <xs:element name="PhoneNumberList" minOccurs="0" nillable="true"
  type="sif:PhoneNumberListType">
  - <xs:unique name="PhoneNumberListKey15">
    <xs:selector xpath="./sif:PhoneNumber" />
    <xs:field xpath="@Type" />
  </xs:unique>
</xs:element>
- <xs:element name="EmailList" minOccurs="0" nillable="true"
  type="sif:EmailListType">
  - <xs:unique name="EmailListKey5">
    <xs:selector xpath="./sif:Email" />
    <xs:field xpath="@Type" />
  </xs:unique>
</xs:element>
<xs:element name="Relationship" minOccurs="0" nillable="true"
  type="sif:RelationshipType" />
<xs:element name="EmployerType" minOccurs="0" nillable="true"
  type="sif:NCES0614EmployerTypeType" />
<xs:element name="EducationalLevel" minOccurs="0" nillable="true"
  type="sif:EducationalLevelType" />
- <xs:element name="ContactFlags" minOccurs="0">
  - <xs:complexType>
    - <xs:sequence>
      - <xs:element name="ParentLegalGuardian" minOccurs="0"
        nillable="true">
        - <xs:simpleType>
          - <xs:restriction base="xs:token">
            <xs:enumeration value="Yes" />
            <xs:enumeration value="No" />
            <xs:enumeration value="Unknown" />
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      - <xs:element name="PickupRights" minOccurs="0"
        nillable="true">
        - <xs:simpleType>
          - <xs:restriction base="xs:token">
            <xs:enumeration value="Yes" />
            <xs:enumeration value="No" />
            <xs:enumeration value="Unknown" />
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      - <xs:element name="LivesWith" minOccurs="0" nillable="true">
        - <xs:simpleType>
          - <xs:restriction base="xs:token">
            <xs:enumeration value="Yes" />
            <xs:enumeration value="No" />
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

```

        <xs:enumeration value="Unknown" />
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
- <xs:element name="AccessToRecords" minOccurs="0"
  nillable="true">
- <xs:simpleType>
  - <xs:restriction base="xs:token">
    <xs:enumeration value="Yes" />
    <xs:enumeration value="No" />
    <xs:enumeration value="Unknown" />
  </xs:restriction>
</xs:simpleType>
</xs:element>
- <xs:element name="EmergencyContact" minOccurs="0"
  nillable="true">
- <xs:simpleType>
  - <xs:restriction base="xs:token">
    <xs:enumeration value="Yes" />
    <xs:enumeration value="No" />
    <xs:enumeration value="Unknown" />
  </xs:restriction>
</xs:simpleType>
</xs:element>
- <xs:element name="HasCustody" minOccurs="0" nillable="true">
- <xs:simpleType>
  - <xs:restriction base="xs:token">
    <xs:enumeration value="Yes" />
    <xs:enumeration value="No" />
    <xs:enumeration value="Unknown" />
  </xs:restriction>
</xs:simpleType>
</xs:element>
- <xs:element name="DisciplinaryContact" minOccurs="0"
  nillable="true">
- <xs:simpleType>
  - <xs:restriction base="xs:token">
    <xs:enumeration value="Yes" />
    <xs:enumeration value="No" />
    <xs:enumeration value="Unknown" />
  </xs:restriction>
</xs:simpleType>
</xs:element>
- <xs:element name="PrimaryCareProvider" minOccurs="0"
  nillable="true">
- <xs:simpleType>
  - <xs:restriction base="xs:token">
    <xs:enumeration value="Yes" />
    <xs:enumeration value="No" />
    <xs:enumeration value="Unknown" />
  </xs:restriction>
</xs:simpleType>

```

```

        </xs:element>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="ContactSequence" minOccurs="0" nillable="true"
    type="xs:unsignedInt" />
  <xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
    type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
- <xs:unique name="SIF_ExtendedElementsKey102">
  <xs:selector xpath="/sif:SIF_ExtendedElement" />
  <xs:field xpath="@Name" />
</xs:unique>
</xs:element>
</xs:sequence>
<xs:attribute name="RefId" use="required" type="sif:RefIdType" />
<xs:attribute name="StudentPersonalRefId" use="required"
  type="sif:IdRefType" />
</xs:complexType>
- <xs:element name="StudentContact" type="sif:StudentContactType">
- <xs:unique name="StudentContactKey1">
  <xs:selector xpath="." />
  <xs:field xpath="@RefId" />
</xs:unique>
</xs:element>
<!-- StudentDailyAttendance -->
- <xs:complexType name="StudentDailyAttendanceType">
- <xs:sequence>
  <xs:element name="AttendanceCodeInfoRefId" minOccurs="0"
    type="sif:IdRefType" />
  <xs:element name="TimeIn" minOccurs="0" nillable="true"
    type="xs:time" />
  <xs:element name="TimeOut" minOccurs="0" nillable="true"
    type="xs:time" />
  <xs:element name="AttendanceNote" minOccurs="0" nillable="true"
    type="xs:normalizedString" />
  <xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
    type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
- <xs:unique name="SIF_ExtendedElementsKey103">
  <xs:selector xpath="/sif:SIF_ExtendedElement" />
  <xs:field xpath="@Name" />
</xs:unique>
</xs:element>
</xs:sequence>
<xs:attribute name="StudentPersonalRefId" use="required"
  type="sif:IdRefType" />
<xs:attribute name="SchoolInfoRefId" use="required" type="sif:IdRefType" />
<xs:attribute name="Date" use="required" type="xs:date" />
<xs:attribute name="SchoolYear" use="required"
  type="sif:SchoolYearType" />

```

```

</xs:complexType>
- <xs:element name="StudentDailyAttendance"
  type="sif:StudentDailyAttendanceType">
- <xs:unique name="StudentDailyAttendanceKey1">
  <xs:selector xpath="." />
  <xs:field xpath="@StudentPersonalRefId" />
  <xs:field xpath="@SchoolInfoRefId" />
  <xs:field xpath="@Date" />
</xs:unique>
</xs:element>
<!-- StudentPersonal -->
- <xs:complexType name="StudentPersonalType">
- <xs:sequence>
- <xs:element name="AlertMessages" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="AlertMessage" minOccurs="0"
  maxOccurs="unbounded">
- <xs:complexType>
- <xs:simpleContent>
- <xs:extension base="xs:string">
- <xs:attribute name="Type" use="required">
- <xs:simpleType>
- <xs:restriction base="xs:token">
  <xs:enumeration value="Legal" />
  <xs:enumeration value="Discipline" />
  <xs:enumeration
    value="Educational" />
  <xs:enumeration value="Other" />
</xs:restriction>
</xs:simpleType>
</xs:attribute>
</xs:extension>
</xs:simpleContent>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="MedicalAlertMessages" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="MedicalAlertMessage" minOccurs="0"
  maxOccurs="unbounded">
- <xs:complexType>
- <xs:simpleContent>
- <xs:extension base="xs:string">
- <xs:attribute name="Severity" use="required">
- <xs:simpleType>
- <xs:restriction base="xs:token">
  <xs:enumeration value="Low" />
  <xs:enumeration value="Moderate" />

```

```

        <xs:enumeration value="High" />
        <xs:enumeration value="Severe" />
        <xs:enumeration value="Unknown" />
    </xs:restriction>
</xs:simpleType>
</xs:attribute>
</xs:extension>
</xs:simpleContent>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element ref="sif:LocalId" minOccurs="0" />
<xs:element name="StateProvinceId" minOccurs="0" nillable="true"
    type="sif:StateProvinceIdType" />
<xs:element name="ElectronicIdList" minOccurs="0" nillable="true"
    type="sif:ElectronicIdListType" />
- <xs:element name="OtherIdList" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="OtherId" minOccurs="0"
    maxOccurs="unbounded">
- <xs:complexType>
- <xs:simpleContent>
- <xs:extension base="xs:normalizedString">
- <xs:attribute name="Type" use="required">
- <xs:simpleType>
- <xs:restriction
    base="sif:NCES0147IdentificationSystemType">
    <xs:enumeration value="0164" />
    <xs:enumeration value="0339" />
    <xs:enumeration value="0338" />
    <xs:enumeration value="0879" />
    <xs:enumeration value="9999" />
    <xs:enumeration value="0222" />
    <xs:enumeration value="0764" />
    <xs:enumeration value="0154" />
    <xs:enumeration value="0004" />
    <xs:enumeration value="0113" />
    <xs:enumeration value="5013" />
    </xs:restriction>
    </xs:simpleType>
    </xs:attribute>
    </xs:extension>
    </xs:simpleContent>
    </xs:complexType>
    </xs:element>
    </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="Name" minOccurs="0"

```



```

type="sif:NameOfRecordType" />
- <xs:element name="OtherNames" minOccurs="0" nillable="true"
  type="sif:OtherNamesType">
  - <xs:unique name="OtherNamesKey5">
    <xs:selector xpath="/sif:Name" />
    <xs:field xpath="@Type" />
  </xs:unique>
</xs:element>
<xs:element name="Demographics" minOccurs="0" nillable="true"
  type="sif:DemographicsType" />
- <xs:element name="AddressList" minOccurs="0" nillable="true"
  type="sif:AddressListType">
  - <xs:unique name="AddressListKey15">
    <xs:selector xpath="/sif:Address" />
    <xs:field xpath="@Type" />
  </xs:unique>
</xs:element>
- <xs:element name="PhoneNumberList" minOccurs="0" nillable="true"
  type="sif:PhoneNumberListType">
  - <xs:unique name="PhoneNumberListKey16">
    <xs:selector xpath="/sif:PhoneNumber" />
    <xs:field xpath="@Type" />
  </xs:unique>
</xs:element>
- <xs:element name="EmailList" minOccurs="0" nillable="true"
  type="sif:EmailListType">
  - <xs:unique name="EmailListKey6">
    <xs:selector xpath="/sif:Email" />
    <xs:field xpath="@Type" />
  </xs:unique>
</xs:element>
<xs:element name="ProjectedGraduationYear" minOccurs="0"
  nillable="true" type="sif:ProjectedGraduationYearType" />
<xs:element name="OnTimeGraduationYear" minOccurs="0" nillable="true"
  type="sif:OnTimeGraduationYearType" />
<xs:element name="GraduationDate" minOccurs="0" nillable="true"
  type="sif:GraduationDateType" />
- <xs:element name="MostRecent" minOccurs="0" nillable="true">
  - <xs:complexType>
    - <xs:sequence>
      <xs:element name="SchoolLocalId" minOccurs="0"
        nillable="true" type="sif:LocalIdType" />
      <xs:element name="HomeroomLocalId" minOccurs="0"
        nillable="true" type="sif:LocalIdType" />
      <xs:element name="GradeLevel" minOccurs="0" nillable="true"
        type="sif:GradeLevelType" />
    </xs:sequence>
  </xs:complexType>
</xs:element>
- <xs:element name="AcceptableUsePolicy" minOccurs="0" nillable="true">
  - <xs:simpleType>
    - <xs:restriction base="xs:token">
      <xs:enumeration value="Yes" />
    </xs:restriction>
  </xs:simpleType>

```

```

        <xs:enumeration value="No" />
    </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="IDEA" minOccurs="0" nillable="true"
    type="sif:IDEAType" />
<xs:element name="Migrant" minOccurs="0" nillable="true"
    type="sif:MigrantType" />
<xs:element name="Title1" minOccurs="0" nillable="true"
    type="sif:Title1Type" />
<xs:element name="GiftedTalented" minOccurs="0" nillable="true"
    type="sif:GiftedTalentedType" />
<xs:element name="EconomicDisadvantage" minOccurs="0" nillable="true"
    type="sif:EconomicDisadvantageType" />
<xs:element name="ELL" minOccurs="0" nillable="true"
    type="sif:ELLType" />
<xs:element name="Homeless" minOccurs="0" nillable="true"
    type="sif:HomelessType" />
<xs:element name="Section504" minOccurs="0" nillable="true"
    type="sif:Section504Type" />
<xs:element name="VocationalConcentrator" minOccurs="0" nillable="true"
    type="sif:VocationalConcentratorType" />
<xs:element name="Immigrant" minOccurs="0" nillable="true"
    type="sif:ImmigrantType" />
<xs:element name="NeglectedDelinquent" minOccurs="0" nillable="true"
    type="sif:NeglectedDelinquentType" />
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
    type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
    type="sif:SIF_ExtendedElementsType">
    - <xs:unique name="SIF_ExtendedElementsKey104">
        <xs:selector xpath="/sif:SIF_ExtendedElement" />
        <xs:field xpath="@Name" />
    </xs:unique>
</xs:element>
</xs:sequence>
<xs:attribute name="RefId" use="required" type="sif:RefIdType" />
</xs:complexType>
- <xs:element name="StudentPersonal" type="sif:StudentPersonalType">
    - <xs:unique name="StudentPersonalKey1">
        <xs:selector xpath="." />
        <xs:field xpath="@RefId" />
    </xs:unique>
</xs:element>
<!-- StudentPicture -->
- <xs:complexType name="StudentPictureType">
    - <xs:sequence>
        - <xs:element name="PictureSource" minOccurs="0">
            - <xs:complexType>
                - <xs:simpleContent>
                    - <xs:extension base="sif:URIOrBinaryTypeOrEmpty">
                        - <xs:attribute name="Type" use="required">
                            - <xs:simpleType>

```

```

- <xs:restriction base="xs:token">
  <xs:enumeration value="URL" />
  <xs:enumeration value="JPEG" />
</xs:restriction>
</xs:simpleType>
</xs:attribute>
</xs:extension>
</xs:simpleContent>
</xs:complexType>
</xs:element>
- <xs:element name="OKToPublish" minOccurs="0" nillable="true">
- <xs:simpleType>
- <xs:restriction base="xs:token">
  <xs:enumeration value="Yes" />
  <xs:enumeration value="No" />
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
  type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
- <xs:unique name="SIF_ExtendedElementsKey105">
  <xs:selector xpath="/sif:SIF_ExtendedElement" />
  <xs:field xpath="@Name" />
</xs:unique>
</xs:element>
</xs:sequence>
<xs:attribute name="StudentPersonalRefId" use="required"
  type="sif:IdRefType" />
<xs:attribute name="SchoolYear" use="required"
  type="sif:SchoolYearType" />
</xs:complexType>
- <xs:element name="StudentPicture" type="sif:StudentPictureType">
- <xs:unique name="StudentPictureKey1">
  <xs:selector xpath="." />
  <xs:field xpath="@StudentPersonalRefId" />
</xs:unique>
</xs:element>
<!-- StudentSchoolEnrollment -->
- <xs:complexType name="StudentSchoolEnrollmentType">
- <xs:sequence>
  <xs:element name="EntryDate" minOccurs="0" type="xs:date" />
- <xs:element name="EntryType" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
  <xs:element name="Code" minOccurs="0"
    type="sif:NCES0619EntryTypeType" />
  <xs:element name="OtherCodeList" minOccurs="0"
    nillable="true" type="sif:OtherCodeListType" />
</xs:sequence>
</xs:complexType>

```

```

</xs:element>
<xs:element name="GradeLevel" minOccurs="0" nillable="true"
  type="sif:GradeLevelType" />
- <xs:element name="Homeroom" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:simpleContent>
- <xs:extension base="sif:IdRefTypeOrEmpty">
- <xs:attribute name="SIF_RefObject" use="required">
- <xs:simpleType>
- <xs:restriction base="xs:token">
  <xs:enumeration value="RoomInfo" />
</xs:restriction>
</xs:simpleType>
</xs:attribute>
</xs:extension>
</xs:simpleContent>
</xs:complexType>
</xs:element>
- <xs:element name="Advisor" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:simpleContent>
- <xs:extension base="sif:IdRefTypeOrEmpty">
- <xs:attribute name="SIF_RefObject" use="required">
- <xs:simpleType>
- <xs:restriction base="xs:token">
  <xs:enumeration value="StaffPersonal" />
</xs:restriction>
</xs:simpleType>
</xs:attribute>
</xs:extension>
</xs:simpleContent>
</xs:complexType>
</xs:element>
- <xs:element name="Counselor" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:simpleContent>
- <xs:extension base="sif:IdRefTypeOrEmpty">
- <xs:attribute name="SIF_RefObject" use="required">
- <xs:simpleType>
- <xs:restriction base="xs:token">
  <xs:enumeration value="StaffPersonal" />
</xs:restriction>
</xs:simpleType>
</xs:attribute>
</xs:extension>
</xs:simpleContent>
</xs:complexType>
</xs:element>
- <xs:element name="Calendar" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:simpleContent>
- <xs:extension base="sif:IdRefTypeOrEmpty">

```

```

- <xs:attribute name="SIF_RefObject" use="required">
- <xs:simpleType>
- <xs:restriction base="xs:token">
  <xs:enumeration value="CalendarSummary" />
</xs:restriction>
</xs:simpleType>
</xs:attribute>
</xs:extension>
</xs:simpleContent>
</xs:complexType>
</xs:element>
<xs:element name="ExitDate" minOccurs="0" nillable="true"
  type="xs:date" />
- <xs:element name="ExitStatus" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
  <xs:element name="Code" minOccurs="0"
    type="sif:NCES0643ExitWithdrawalStatusType" />
  <xs:element name="OtherCodeList" minOccurs="0"
    nillable="true" type="sif:OtherCodeListType" />
</xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="ExitType" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
  <xs:element name="Code" minOccurs="0"
    type="sif:NCES0644ExitWithdrawalTypeType" />
  <xs:element name="OtherCodeList" minOccurs="0"
    nillable="true" type="sif:OtherCodeListType" />
</xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="RecordClosureReason" minOccurs="0" nillable="true">
- <xs:simpleType>
- <xs:restriction base="xs:token">
  <xs:enumeration value="SchoolExit" />
  <xs:enumeration value="TimeDependentDataChange" />
  <xs:enumeration value="EndOfYear" />
</xs:restriction>
</xs:simpleType>
</xs:element>
- <xs:element name="PromotionInfo" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="PromotionStatus" minOccurs="0"
  nillable="true">
- <xs:simpleType>
- <xs:restriction base="xs:token">
  <xs:enumeration value="Promoted" />
  <xs:enumeration value="Demoted" />
  <xs:enumeration value="Retained" />

```

```

        <xs:enumeration value="NA" />
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="FTE" minOccurs="0" nillable="true">
- <xs:simpleType>
- <xs:restriction base="xs:decimal">
  <xs:minInclusive value="0"
  xmlns:xs="http://www.w3.org/2001/XMLSchema" />
  <xs:maxInclusive value="1"
  xmlns:xs="http://www.w3.org/2001/XMLSchema" />
  <xs:fractionDigits value="2"
  xmlns:xs="http://www.w3.org/2001/XMLSchema" />
  </xs:restriction>
</xs:simpleType>
</xs:element>
- <xs:element name="FTPTStatus" minOccurs="0" nillable="true">
- <xs:simpleType>
- <xs:restriction base="xs:token">
  <xs:enumeration value="FullTime" />
  <xs:enumeration value="PartTime" />
  </xs:restriction>
</xs:simpleType>
</xs:element>
- <xs:element name="ResidencyStatus" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
  <xs:element name="Code" minOccurs="0"
  type="sif:NCES0598PublicSchoolResidenceStatusType" />
  <xs:element name="OtherCodeList" minOccurs="0"
  nillable="true" type="sif:OtherCodeListType" />
  </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="NonResidentAttendReason" minOccurs="0"
nillable="true"
type="sif:NCES0599NonResidentAttendanceRationaleType" />
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
type="sif:SIF_ExtendedElementsType">
- <xs:unique name="SIF_ExtendedElementsKey106">
  <xs:selector xpath="/sif:SIF_ExtendedElement" />
  <xs:field xpath="@Name" />
  </xs:unique>
</xs:element>
</xs:sequence>
<xs:attribute name="RefId" use="required" type="sif:RefIdType" />
<xs:attribute name="StudentPersonalRefId" use="required"
type="sif:IdRefType" />

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<xs:attribute name="SchoolInfoRefId" use="required" type="sif:IdRefType" />
- <xs:attribute name="MembershipType" use="required">
  - <xs:simpleType>
    - <xs:restriction base="xs:token">
      <xs:enumeration value="Home" />
      <xs:enumeration value="Concurrent" />
      <xs:enumeration value="Summer" />
    </xs:restriction>
  </xs:simpleType>
</xs:attribute>
- <xs:attribute name="TimeFrame" use="required">
  - <xs:simpleType>
    - <xs:restriction base="xs:token">
      <xs:enumeration value="Current" />
      <xs:enumeration value="Historical" />
      <xs:enumeration value="Future" />
    </xs:restriction>
  </xs:simpleType>
</xs:attribute>
<xs:attribute name="SchoolYear" use="required"
  type="sif:SchoolYearType" />
</xs:complexType>
- <xs:element name="StudentSchoolEnrollment"
  type="sif:StudentSchoolEnrollmentType">
  - <xs:unique name="StudentSchoolEnrollmentKey1">
    <xs:selector xpath="." />
    <xs:field xpath="@RefId" />
  </xs:unique>
</xs:element>
<!-- StudentSectionEnrollment -->
- <xs:complexType name="StudentSectionEnrollmentType">
  - <xs:sequence>
    <xs:element name="EntryDate" minOccurs="0" nillable="true"
      type="xs:date" />
    <xs:element name="ExitDate" minOccurs="0" nillable="true"
      type="xs:date" />
  - <xs:element name="ScheduleInfoOverrideList" minOccurs="0"
    nillable="true">
    - <xs:complexType>
      - <xs:sequence>
        - <xs:element name="ScheduleInfoOverride" minOccurs="0"
          maxOccurs="unbounded">
          - <xs:complexType>
            - <xs:sequence>
              - <xs:element name="MeetingTimeList" minOccurs="0"
                nillable="true">
                - <xs:complexType>
                  - <xs:sequence>
                    <xs:element ref="sif:MeetingTime"
                      minOccurs="0"
                      maxOccurs="unbounded" />
                  </xs:sequence>
                </xs:complexType>
              </xs:sequence>
            </xs:complexType>
          </xs:element>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
  </xs:sequence>
</xs:complexType>

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        </xs:element>
      </xs:sequence>
    - <xs:attribute name="Override" use="required">
      - <xs:simpleType>
        - <xs:restriction base="xs:token">
          <xs:enumeration value="Yes" />
          <xs:enumeration value="No" />
        </xs:restriction>
      </xs:simpleType>
    </xs:attribute>
    <xs:attribute name="TermInfoRefId" use="required"
      type="sif:RefIdType" />
  </xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="CreditsAttempted" minOccurs="0" nillable="true">
  - <xs:complexType>
    - <xs:simpleContent>
      - <xs:extension base="sif:XSDecimalOrEmpty">
        <xs:attribute name="Type" use="required"
          type="sif:NCES0108CreditTypeEarnedType" />
      </xs:extension>
    </xs:simpleContent>
  </xs:complexType>
</xs:element>
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
  type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
  - <xs:unique name="SIF_ExtendedElementsKey107">
    <xs:selector xpath="/sif:SIF_ExtendedElement" />
    <xs:field xpath="@Name" />
  </xs:unique>
</xs:element>
</xs:sequence>
<xs:attribute name="RefId" use="required" type="sif:RefIdType" />
<xs:attribute name="StudentPersonalRefId" use="required"
  type="sif:IdRefType" />
<xs:attribute name="SectionInfoRefId" use="required"
  type="sif:IdRefType" />
<xs:attribute name="SchoolYear" use="required"
  type="sif:SchoolYearType" />
</xs:complexType>
- <xs:element name="StudentSectionEnrollment"
  type="sif:StudentSectionEnrollmentType">
  - <xs:unique name="StudentSectionEnrollmentKey1">
    <xs:selector xpath="." />
    <xs:field xpath="@RefId" />
  </xs:unique>
</xs:element>

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<!-- TermInfo -->
- <xs:complexType name="TermInfoType">
- <xs:sequence>
  <xs:element name="StartDate" minOccurs="0" type="xs:date" />
  <xs:element name="EndDate" minOccurs="0" type="xs:date" />
  <xs:element name="Description" minOccurs="0" nillable="true"
    type="xs:normalizedString" />
- <xs:element name="RelativeDuration" minOccurs="0" nillable="true">
- <xs:simpleType>
  - <xs:restriction base="xs:decimal">
    <xs:minInclusive value="0"
      xmlns:xs="http://www.w3.org/2001/XMLSchema" />
    <xs:maxInclusive value="1"
      xmlns:xs="http://www.w3.org/2001/XMLSchema" />
    <xs:fractionDigits value="4"
      xmlns:xs="http://www.w3.org/2001/XMLSchema" />
    </xs:restriction>
  </xs:simpleType>
</xs:element>
  <xs:element name="TermCode" minOccurs="0" nillable="true"
    type="xs:normalizedString" />
  <xs:element name="Track" minOccurs="0" nillable="true"
    type="xs:normalizedString" />
  <xs:element name="TermSpan" minOccurs="0" nillable="true"
    type="sif:TermSpanType" />
- <xs:element name="MarkingTerm" minOccurs="0" nillable="true">
- <xs:simpleType>
  - <xs:restriction base="xs:token">
    <xs:enumeration value="Yes" />
    <xs:enumeration value="No" />
  </xs:restriction>
</xs:simpleType>
</xs:element>
- <xs:element name="SchedulingTerm" minOccurs="0" nillable="true">
- <xs:simpleType>
  - <xs:restriction base="xs:token">
    <xs:enumeration value="Yes" />
    <xs:enumeration value="No" />
  </xs:restriction>
</xs:simpleType>
</xs:element>
- <xs:element name="AttendanceTerm" minOccurs="0" nillable="true">
- <xs:simpleType>
  - <xs:restriction base="xs:token">
    <xs:enumeration value="Yes" />
    <xs:enumeration value="No" />
  </xs:restriction>
</xs:simpleType>
</xs:element>
  <xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
    type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">

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- <xs:unique name="SIF_ExtendedElementsKey108">
  <xs:selector xpath="/sif:SIF_ExtendedElement" />
  <xs:field xpath="@Name" />
</xs:unique>
</xs:element>
</xs:sequence>
<xs:attribute name="RefId" use="required" type="sif:RefIdType" />
<xs:attribute name="SchoolInfoRefId" use="required" type="sif:IdRefType" />
<xs:attribute name="SchoolYear" use="required"
  type="sif:SchoolYearType" />
</xs:complexType>
- <xs:element name="TermInfo" type="sif:TermInfoType">
- <xs:unique name="TermInfoKey1">
  <xs:selector xpath="." />
  <xs:field xpath="@RefId" />
</xs:unique>
</xs:element>
<!-- StudentSnapshot -->
- <xs:complexType name="StudentSnapshotType">
- <xs:sequence>
  <xs:element name="Name" minOccurs="0" nillable="true"
    type="sif:NameType" />
  <xs:element ref="sif:LocalId" minOccurs="0" />
  <xs:element name="StateProvinceId" minOccurs="0" nillable="true"
    type="sif:StateProvinceIdType" />
  <xs:element name="Address" minOccurs="0" nillable="true"
    type="sif:AddressType" />
  <xs:element name="RaceList" minOccurs="0" nillable="true"
    type="sif:RaceListType" />
  <xs:element name="HispanicLatino" minOccurs="0" nillable="true"
    type="sif:HispanicLatinoType" />
  <xs:element name="Gender" minOccurs="0" nillable="true"
    type="sif:GenderType" />
  <xs:element name="BirthDate" minOccurs="0" nillable="true"
    type="sif:BirthDateType" />
  <xs:element name="Age" minOccurs="0" nillable="true"
    type="xs:unsignedInt" />
  <xs:element name="ProjectedGraduationYear" minOccurs="0"
    nillable="true" type="sif:ProjectedGraduationYearType" />
  <xs:element name="OnTimeGraduationYear" minOccurs="0" nillable="true"
    type="sif:OnTimeGraduationYearType" />
  <xs:element name="GraduationDate" minOccurs="0" nillable="true"
    type="sif:GraduationDateType" />
- <xs:element name="GraduationAward" minOccurs="0" nillable="true">
- <xs:simpleType>
  - <xs:restriction base="xs:token">
    <xs:enumeration value="Diploma" />
    <xs:enumeration value="Certificate" />
    <xs:enumeration value="GED" />
  </xs:restriction>
</xs:simpleType>
</xs:element>
- <xs:element name="GraduationOnTime" minOccurs="0" nillable="true">

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- <xs:simpleType>
  - <xs:restriction base="xs:token">
    <xs:enumeration value="Yes" />
    <xs:enumeration value="No" />
    <xs:enumeration value="Unavailable" />
    <xs:enumeration value="NA" />
  </xs:restriction>
</xs:simpleType>
</xs:element>
- <xs:element name="HomeEnrollment" minOccurs="0">
  - <xs:complexType>
    - <xs:sequence>
      <xs:element name="StudentSchoolEnrollmentRefId"
        minOccurs="0" nillable="true" type="sif:IdRefType" />
      <xs:element name="SchoolName" minOccurs="0" nillable="true"
        type="xs:normalizedString" />
      <xs:element name="SchoolInfoRefId" minOccurs="0"
        nillable="true" type="sif:IdRefType" />
      <xs:element name="LocalId" minOccurs="0" nillable="true"
        type="sif:LocalIdType" />
      <xs:element name="StateProvinceId" minOccurs="0"
        nillable="true" type="sif:StateProvinceIdType" />
    - <xs:element name="Status" minOccurs="0">
      - <xs:simpleType>
        - <xs:restriction base="xs:token">
          <xs:enumeration value="Active" />
          <xs:enumeration value="Inactive" />
          <xs:enumeration value="Unreported" />
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element ref="sif:GradeLevel" minOccurs="0" />
  - <xs:element name="Homeroom" minOccurs="0" nillable="true">
    - <xs:complexType>
      - <xs:simpleContent>
        - <xs:extension base="sif:IdRefTypeOrEmpty">
          - <xs:attribute name="SIF_RefObject"
            use="required">
            - <xs:simpleType>
              - <xs:restriction base="xs:token">
                <xs:enumeration value="RoomInfo" />
              </xs:restriction>
            </xs:simpleType>
            </xs:attribute>
          </xs:extension>
        </xs:simpleContent>
      </xs:complexType>
    </xs:element>
    <xs:element name="HomeroomNumber" minOccurs="0"
      nillable="true" type="sif:HomeroomNumberType" />
  - <xs:element name="FullYearEnrollment" minOccurs="0"
    nillable="true">

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- <xs:simpleType>
  - <xs:restriction base="xs:token">
    <xs:enumeration value="Yes" />
    <xs:enumeration value="No" />
    <xs:enumeration value="Unknown" />
  </xs:restriction>
</xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="IDEA" minOccurs="0" nillable="true"
  type="sif:IDEAType" />
<xs:element name="Migrant" minOccurs="0" nillable="true"
  type="sif:MigrantType" />
<xs:element name="Title1" minOccurs="0" nillable="true"
  type="sif:Title1Type" />
<xs:element name="GiftedTalented" minOccurs="0" nillable="true"
  type="sif:GiftedTalentedType" />
<xs:element name="EconomicDisadvantage" minOccurs="0" nillable="true"
  type="sif:EconomicDisadvantageType" />
<xs:element name="ELL" minOccurs="0" nillable="true"
  type="sif:ELLType" />
<xs:element name="Homeless" minOccurs="0" nillable="true"
  type="sif:HomelessType" />
<xs:element name="Section504" minOccurs="0" nillable="true"
  type="sif:Section504Type" />
<xs:element name="VocationalConcentrator" minOccurs="0" nillable="true"
  type="sif:VocationalConcentratorType" />
<xs:element name="Immigrant" minOccurs="0" nillable="true"
  type="sif:ImmigrantType" />
<xs:element name="NeglectedDelinquent" minOccurs="0" nillable="true"
  type="sif:NeglectedDelinquentType" />
- <xs:element name="FreeAndReducedStatus" minOccurs="0"
  nillable="true">
  - <xs:simpleType>
    - <xs:restriction base="xs:token">
      <xs:enumeration value="Free" />
      <xs:enumeration value="Reduced" />
      <xs:enumeration value="None" />
      <xs:enumeration value="NA" />
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
  type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
  - <xs:unique name="SIF_ExtendedElementsKey109">
    <xs:selector xpath="/sif:SIF_ExtendedElement" />
    <xs:field xpath="@Name" />
  </xs:unique>
</xs:element>

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</xs:sequence>
<xs:attribute name="SnapDate" use="required" type="xs:date" />
<xs:attribute name="StudentPersonalRefId" use="required"
  type="sif:IdRefType" />
<xs:attribute name="SchoolYear" use="required"
  type="sif:SchoolYearType" />
</xs:complexType>
- <xs:element name="StudentSnapshot" type="sif:StudentSnapshotType">
- <xs:unique name="StudentSnapshotKey1">
  <xs:selector xpath="." />
  <xs:field xpath="@SnapDate" />
  <xs:field xpath="@StudentPersonalRefId" />
</xs:unique>
</xs:element>
<!-- LEAInfo -->
- <xs:complexType name="LEAInfoType">
- <xs:sequence>
  <xs:element ref="sif:LocalId" minOccurs="0" />
  <xs:element name="StateProvinceId" minOccurs="0" nillable="true"
    type="sif:StateProvinceIdType" />
  <xs:element name="NCESId" minOccurs="0" nillable="true"
    type="sif:NCESIdType" />
  <xs:element ref="sif:LEAName" minOccurs="0" />
  <xs:element name="LEAURL" minOccurs="0" nillable="true"
    type="xs:anyURI" />
- <xs:element name="EducationAgencyType" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
  <xs:element name="Code" minOccurs="0"
    type="sif:NCES1151AgencyTypeType" />
  <xs:element name="OtherCodeList" minOccurs="0"
    nillable="true" type="sif:OtherCodeListType" />
</xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="LEAContactList" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="LEAContact" minOccurs="0"
  maxOccurs="unbounded">
- <xs:complexType>
- <xs:sequence>
  <xs:element name="PublishInDirectory"
    minOccurs="0" nillable="true"
    type="sif:PublishInDirectoryType" />
  <xs:element ref="sif:ContactInfo" minOccurs="0" />
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="PhoneNumberList" minOccurs="0" nillable="true"

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type="sif:PhoneNumberListType">
  - <xs:unique name="PhoneNumberListKey17">
    <xs:selector xpath="/sif:PhoneNumber" />
    <xs:field xpath="@Type" />
  </xs:unique>
</xs:element>
- <xs:element name="AddressList" minOccurs="0" nillable="true"
  type="sif:AddressListType">
  - <xs:unique name="AddressListKey16">
    <xs:selector xpath="/sif:Address" />
    <xs:field xpath="@Type" />
  </xs:unique>
</xs:element>
<xs:element name="IdentificationInfoList" minOccurs="0" nillable="true"
  type="sif:IdentificationInfoListType" />
<xs:element name="GradeLevels" minOccurs="0" nillable="true"
  type="sif:GradeLevelsType" />
<xs:element name="OperationalStatus" minOccurs="0" nillable="true"
  type="sif:OperationalStatusType" />
<xs:element name="CongressionalDistrict" minOccurs="0" nillable="true"
  type="sif:CongressionalDistrictType" />
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
  type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
  - <xs:unique name="SIF_ExtendedElementsKey110">
    <xs:selector xpath="/sif:SIF_ExtendedElement" />
    <xs:field xpath="@Name" />
  </xs:unique>
</xs:element>
</xs:sequence>
<xs:attribute name="RefId" use="required" type="sif:RefIdType" />
</xs:complexType>
- <xs:element name="LEAInfo" type="sif:LEAInfoType">
  - <xs:unique name="LEAInfoKey1">
    <xs:selector xpath="." />
    <xs:field xpath="@RefId" />
  </xs:unique>
</xs:element>
<!-- StaffAssignment -->
- <xs:complexType name="StaffAssignmentType">
  - <xs:sequence>
    <xs:element name="Description" minOccurs="0" nillable="true"
      type="xs:normalizedString" />
    - <xs:element name="PrimaryAssignment" minOccurs="0">
      - <xs:simpleType>
        - <xs:restriction base="xs:token">
          <xs:enumeration value="Yes" />
          <xs:enumeration value="No" />
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="JobStartDate" minOccurs="0" nillable="true"

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type="xs:date" />
  <xs:element name="JobEndDate" minOccurs="0" nillable="true"
    type="xs:date" />
- <xs:element name="JobFTE" minOccurs="0" nillable="true">
  - <xs:simpleType>
    - <xs:restriction base="xs:decimal">
      <xs:minInclusive value="0"
        xmlns:xs="http://www.w3.org/2001/XMLSchema" />
      <xs:maxInclusive value="1"
        xmlns:xs="http://www.w3.org/2001/XMLSchema" />
      <xs:fractionDigits value="2"
        xmlns:xs="http://www.w3.org/2001/XMLSchema" />
    </xs:restriction>
  </xs:simpleType>
</xs:element>
- <xs:element name="JobFunction" minOccurs="0" nillable="true">
  - <xs:complexType>
    - <xs:sequence>
      <xs:element name="Code" minOccurs="0"
        type="sif:NCES0568FunctionTypeType" />
      <xs:element name="OtherCodeList" minOccurs="0"
        nillable="true" type="sif:OtherCodeListType" />
    </xs:sequence>
  </xs:complexType>
</xs:element>
- <xs:element name="TeachingAssignment" minOccurs="0" nillable="true">
  - <xs:complexType>
    - <xs:sequence>
      - <xs:element name="Code" minOccurs="0">
        - <xs:simpleType>
          - <xs:union>
            - <xs:simpleType>
              <xs:restriction
                base="sif:NCES0436TeachingAssignmentType" />
            </xs:simpleType>
            - <xs:simpleType>
              - <xs:restriction base="xs:token">
                <xs:enumeration value="NA" />
              </xs:restriction>
            </xs:simpleType>
          </xs:union>
        </xs:simpleType>
      </xs:element>
      <xs:element name="OtherCodeList" minOccurs="0"
        nillable="true" type="sif:OtherCodeListType" />
    </xs:sequence>
  </xs:complexType>
</xs:element>
  <xs:element name="GradeLevels" minOccurs="0" nillable="true"
    type="sif:GradeLevelsType" />
- <xs:element name="ItinerantTeacher" minOccurs="0" nillable="true">
  - <xs:simpleType>
    - <xs:restriction base="xs:token">

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        <xs:enumeration value="Yes" />
        <xs:enumeration value="No" />
        <xs:enumeration value="NA" />
    </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="InstructionalLevel" minOccurs="0" nillable="true"
    type="sif:InstructionalLevelType" />
<xs:element name="EmployeePersonalRefId" minOccurs="0" nillable="true"
    type="sif:IdRefType" />
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
    type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
    type="sif:SIF_ExtendedElementsType">
    - <xs:unique name="SIF_ExtendedElementsKey111">
        <xs:selector xpath="/sif:SIF_ExtendedElement" />
        <xs:field xpath="@Name" />
    </xs:unique>
</xs:element>
</xs:sequence>
<xs:attribute name="RefId" use="required" type="sif:RefIdType" />
<xs:attribute name="SchoolInfoRefId" use="required" type="sif:IdRefType" />
<xs:attribute name="SchoolYear" use="required"
    type="sif:SchoolYearType" />
<xs:attribute name="StaffPersonalRefId" use="required"
    type="sif:IdRefType" />
</xs:complexType>
- <xs:element name="StaffAssignment" type="sif:StaffAssignmentType">
    - <xs:unique name="StaffAssignmentKey1">
        <xs:selector xpath="." />
        <xs:field xpath="@RefId" />
    </xs:unique>
</xs:element>
<!-- TransportationAndGeographicInformationWorkingGroup -->
<!-- BusEquipment -->
- <xs:complexType name="BusEquipmentType">
    - <xs:sequence>
        <xs:element name="Description" minOccurs="0" type="xs:string" />
        <xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
            type="sif:SIF_MetadataType" />
        - <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
            type="sif:SIF_ExtendedElementsType">
            - <xs:unique name="SIF_ExtendedElementsKey112">
                <xs:selector xpath="/sif:SIF_ExtendedElement" />
                <xs:field xpath="@Name" />
            </xs:unique>
        </xs:element>
    </xs:sequence>
    <xs:attribute name="RefId" use="required" type="sif:RefIdType" />
</xs:complexType>
- <xs:element name="BusEquipment" type="sif:BusEquipmentType">
    - <xs:unique name="BusEquipmentKey1">

```



```

    <xs:selector xpath="." />
    <xs:field xpath="@RefId" />
  </xs:unique>
</xs:element>
<!-- BusInfo -->
- <xs:complexType name="BusInfoType">
- <xs:sequence>
  <xs:element name="VehicleNumber" minOccurs="0"
    type="xs:normalizedString" />
  <xs:element name="SeatingCapacity" minOccurs="0" nillable="true"
    type="xs:unsignedInt" />
  <xs:element name="Contractor" minOccurs="0" nillable="true"
    type="xs:normalizedString" />
- <xs:element name="EquipmentList" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="Equipment" minOccurs="0"
  maxOccurs="unbounded">
- <xs:complexType>
- <xs:sequence>
  <xs:element name="BusEquipmentRefId"
    minOccurs="0" type="sif:IdRefType" />
  <xs:element name="Count" minOccurs="0"
    type="xs:unsignedInt" />
  </xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="ManufactureYear" minOccurs="0" nillable="true"
  type="xs:gYear" />
<xs:element name="VehicleIdentificationNumber" minOccurs="0"
  nillable="true" type="xs:normalizedString" />
<xs:element name="LicensePlateNumber" minOccurs="0" nillable="true"
  type="xs:normalizedString" />
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
  type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
- <xs:unique name="SIF_ExtendedElementsKey113">
  <xs:selector xpath="./sif:SIF_ExtendedElement" />
  <xs:field xpath="@Name" />
</xs:unique>
</xs:element>
</xs:sequence>
<xs:attribute name="RefId" use="required" type="sif:RefIdType" />
</xs:complexType>
- <xs:element name="BusInfo" type="sif:BusInfoType">
- <xs:unique name="BusInfoKey1">
  <xs:selector xpath="." />
  <xs:field xpath="@RefId" />
</xs:unique>

```

```

</xs:element>
<!-- BusRouteDetail -->
- <xs:complexType name="BusRouteDetailType">
- <xs:sequence>
  <xs:element name="BusStopInfoRefId" minOccurs="0"
    type="sif:IdRefType" />
  <xs:element name="ArrivalTime" minOccurs="0" type="xs:time" />
  <xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
    type="sif:SIF_MetadataType" />
  - <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
    type="sif:SIF_ExtendedElementsType">
  - <xs:unique name="SIF_ExtendedElementsKey114">
    <xs:selector xpath="/sif:SIF_ExtendedElement" />
    <xs:field xpath="@Name" />
  </xs:unique>
  </xs:element>
</xs:sequence>
  <xs:attribute name="RefId" use="required" type="sif:RefIdType" />
  <xs:attribute name="BusRouteInfoRefId" use="required"
    type="sif:IdRefType" />
</xs:complexType>
- <xs:element name="BusRouteDetail" type="sif:BusRouteDetailType">
- <xs:unique name="BusRouteDetailKey1">
  <xs:selector xpath="." />
  <xs:field xpath="@RefId" />
</xs:unique>
</xs:element>
<!-- BusRouteInfo -->
- <xs:complexType name="BusRouteInfoType">
- <xs:sequence>
  <xs:element name="BusInfoRefId" minOccurs="0" type="sif:IdRefType" />
  <xs:element name="RouteNumber" minOccurs="0"
    type="xs:normalizedString" />
  - <xs:element name="RouteType" minOccurs="0">
  - <xs:simpleType>
    - <xs:restriction base="xs:token">
      <xs:enumeration value="Inbound" />
      <xs:enumeration value="Outbound" />
    </xs:restriction>
  </xs:simpleType>
  </xs:element>
  <xs:element name="MaximumLoad" minOccurs="0" nillable="true"
    type="xs:unsignedInt" />
  <xs:element name="Description" minOccurs="0" nillable="true"
    type="xs:string" />
  <xs:element name="Name" minOccurs="0" nillable="true"
    type="sif:NameType" />
  <xs:element name="RouteDurationLoaded" minOccurs="0" nillable="true"
    type="xs:duration" />
  <xs:element name="RouteDurationTotal" minOccurs="0" nillable="true"
    type="xs:duration" />
  - <xs:element name="RouteDistanceLoaded" minOccurs="0" nillable="true">
  - <xs:complexType>

```

```

- <xs:simpleContent>
- <xs:extension base="sif:XSDDecimalOrEmpty">
- <xs:attribute name="Unit" use="required">
- <xs:simpleType>
- <xs:restriction base="xs:token">
  <xs:enumeration value="km" />
  <xs:enumeration value="m" />
</xs:restriction>
</xs:simpleType>
</xs:attribute>
</xs:extension>
</xs:simpleContent>
</xs:complexType>
</xs:element>
- <xs:element name="RouteDistanceTotal" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:simpleContent>
- <xs:extension base="sif:XSDDecimalOrEmpty">
- <xs:attribute name="Unit" use="required">
- <xs:simpleType>
- <xs:restriction base="xs:token">
  <xs:enumeration value="km" />
  <xs:enumeration value="m" />
</xs:restriction>
</xs:simpleType>
</xs:attribute>
</xs:extension>
</xs:simpleContent>
</xs:complexType>
</xs:element>
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
  type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
- <xs:unique name="SIF_ExtendedElementsKey115">
  <xs:selector xpath="/sif:SIF_ExtendedElement" />
  <xs:field xpath="@Name" />
</xs:unique>
</xs:element>
</xs:sequence>
<xs:attribute name="RefId" use="required" type="sif:RefIdType" />
</xs:complexType>
- <xs:element name="BusRouteInfo" type="sif:BusRouteInfoType">
- <xs:unique name="BusRouteInfoKey1">
  <xs:selector xpath="." />
  <xs:field xpath="@RefId" />
</xs:unique>
</xs:element>
<!-- BusStopInfo -->
- <xs:complexType name="BusStopInfoType">
- <xs:sequence>
  <xs:element name="Description" minOccurs="0" type="xs:string" />

```

```

<xs:element name="GridLocation" minOccurs="0" nillable="true"
  type="sif:GridLocationType" />
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
  type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
  - <xs:unique name="SIF_ExtendedElementsKey116">
    <xs:selector xpath="./sif:SIF_ExtendedElement" />
    <xs:field xpath="@Name" />
  </xs:unique>
</xs:element>
</xs:sequence>
<xs:attribute name="RefId" use="required" type="sif:RefIdType" />
</xs:complexType>
- <xs:element name="BusStopInfo" type="sif:BusStopInfoType">
  - <xs:unique name="BusStopInfoKey1">
    <xs:selector xpath="." />
    <xs:field xpath="@RefId" />
  </xs:unique>
</xs:element>
<!-- StudentTransportInfo -->
- <xs:complexType name="StudentTransportInfoType">
  - <xs:sequence>
    - <xs:element name="Eligibility" minOccurs="0" nillable="true">
      - <xs:simpleType>
        - <xs:restriction base="xs:token">
          <xs:enumeration value="Bus" />
          <xs:enumeration value="Walk" />
          <xs:enumeration value="BusHazard" />
          <xs:enumeration value="BusOutOfAttendance" />
          <xs:enumeration value="ParentPay" />
          <xs:enumeration value="Unknown" />
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    - <xs:element name="HomeToSchoolDistance" minOccurs="0"
      nillable="true">
      - <xs:complexType>
        - <xs:simpleContent>
          - <xs:extension base="sif:XSDecimalOrEmpty">
            - <xs:attribute name="Unit" use="required">
              - <xs:simpleType>
                - <xs:restriction base="xs:token">
                  <xs:enumeration value="km" />
                  <xs:enumeration value="m" />
                </xs:restriction>
              </xs:simpleType>
            </xs:attribute>
          </xs:extension>
        </xs:simpleContent>
      </xs:complexType>
    </xs:element>

```

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- <xs:element name="WalkToStopDistance" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:simpleContent>
- <xs:extension base="sif:XSDDecimalOrEmpty">
- <xs:attribute name="Unit" use="required">
- <xs:simpleType>
- <xs:restriction base="xs:token">
  <xs:enumeration value="km" />
  <xs:enumeration value="m" />
</xs:restriction>
</xs:simpleType>
</xs:attribute>
</xs:extension>
</xs:simpleContent>
</xs:complexType>
</xs:element>
- <xs:element name="StopToSchoolDistance" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:simpleContent>
- <xs:extension base="sif:XSDDecimalOrEmpty">
- <xs:attribute name="Unit" use="required">
- <xs:simpleType>
- <xs:restriction base="xs:token">
  <xs:enumeration value="km" />
  <xs:enumeration value="m" />
</xs:restriction>
</xs:simpleType>
</xs:attribute>
</xs:extension>
</xs:simpleContent>
</xs:complexType>
</xs:element>
- <xs:element name="OriginPoint" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
  <xs:element name="ArrivalTime" minOccurs="0" nillable="true"
    type="xs:time" />
  <xs:element name="RouteNumber" minOccurs="0"
    nillable="true" type="xs:normalizedString" />
  <xs:element name="RouteDescription" minOccurs="0"
    nillable="true" type="xs:string" />
  <xs:element name="VehicleNumber" minOccurs="0"
    nillable="true" type="xs:normalizedString" />
  <xs:element name="BusStopDescription" minOccurs="0"
    nillable="true" type="xs:string" />
</xs:sequence>
  <xs:attribute name="BusRouteDetailRefId" use="required"
    type="sif:IdRefType" />
</xs:complexType>
</xs:element>
- <xs:element name="HomeBusRouteDetail" minOccurs="0" nillable="true">
- <xs:complexType>

```

```

- <xs:simpleContent>
- <xs:extension base="sif:IdRefTypeOrEmpty">
- <xs:attribute name="SIF_RefObject" use="required">
- <xs:simpleType>
- <xs:restriction base="xs:token">
  <xs:enumeration value="BusRouteDetail" />
  </xs:restriction>
</xs:simpleType>
</xs:attribute>
</xs:extension>
</xs:simpleContent>
</xs:complexType>
</xs:element>
- <xs:element name="TransferPoints" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="TransferPoint" minOccurs="0"
  maxOccurs="unbounded">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="EmbarkBusRouteDetail"
  minOccurs="0">
- <xs:complexType>
- <xs:simpleContent>
- <xs:extension
  base="sif:IdRefTypeOrEmpty">
- <xs:attribute name="SIF_RefObject"
  use="required">
- <xs:simpleType>
- <xs:restriction
  base="xs:token">
  <xs:enumeration
  value="BusRouteDetail" />
  </xs:restriction>
</xs:simpleType>
</xs:attribute>
</xs:extension>
</xs:simpleContent>
</xs:complexType>
</xs:element>
- <xs:element name="DisembarkBusRouteDetail"
  minOccurs="0">
- <xs:complexType>
- <xs:simpleContent>
- <xs:extension
  base="sif:IdRefTypeOrEmpty">
- <xs:attribute name="SIF_RefObject"
  use="required">
- <xs:simpleType>
- <xs:restriction
  base="xs:token">
  <xs:enumeration
  value="BusRouteDetail" />
  </xs:restriction>
</xs:simpleType>
</xs:attribute>
</xs:extension>
</xs:simpleContent>
</xs:complexType>
</xs:element>

```

```

        </xs:restriction>
      </xs:simpleType>
    </xs:attribute>
  </xs:extension>
</xs:simpleContent>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="SchoolBusRouteDetail" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:simpleContent>
- <xs:extension base="sif:IdRefTypeOrEmpty">
- <xs:attribute name="SIF_RefObject" use="required">
- <xs:simpleType>
- <xs:restriction base="xs:token">
  <xs:enumeration value="BusRouteDetail" />
</xs:restriction>
</xs:simpleType>
</xs:attribute>
</xs:extension>
</xs:simpleContent>
</xs:complexType>
</xs:element>
- <xs:element name="DestinationPoint" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
  <xs:element name="ArrivalTime" minOccurs="0" nillable="true"
    type="xs:time" />
  <xs:element name="RouteNumber" minOccurs="0"
    nillable="true" type="xs:normalizedString" />
  <xs:element name="RouteDescription" minOccurs="0"
    nillable="true" type="xs:string" />
  <xs:element name="VehicleNumber" minOccurs="0"
    nillable="true" />
  <xs:element name="BusStopDescription" minOccurs="0"
    nillable="true" type="xs:string" />
</xs:sequence>
  <xs:attribute name="BusRouteDetailRefId" use="required"
    type="sif:IdRefType" />
</xs:complexType>
</xs:element>
<xs:element name="StateAidQualification" minOccurs="0" nillable="true"
  type="sif:NCES0720StateTransportationAidQualificationType" />
<xs:element name="TransportationStatus" minOccurs="0" nillable="true"
  type="sif:NCES0719TransportationStatusType" />
<xs:element name="PublicExpense" minOccurs="0" nillable="true"
  type="sif:NCES0721TransportationAtPublicExpenseEligibilityType" />
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"

```

```

type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
  - <xs:unique name="SIF_ExtendedElementsKey117">
    <xs:selector xpath="/sif:SIF_ExtendedElement" />
    <xs:field xpath="@Name" />
  </xs:unique>
</xs:element>
</xs:sequence>
<xs:attribute name="RefId" use="required" type="sif:RefIdType" />
<xs:attribute name="StudentPersonalRefId" use="required"
  type="sif:IdRefType" />
- <xs:attribute name="Type" use="required">
  - <xs:simpleType>
    - <xs:restriction base="xs:token">
      <xs:enumeration value="Inbound" />
      <xs:enumeration value="Outbound" />
    </xs:restriction>
  </xs:simpleType>
</xs:attribute>
- <xs:attribute name="DayOfWeek" use="required">
  - <xs:simpleType>
    - <xs:restriction base="xs:token">
      <xs:pattern value="(Mo)?(Tu)?(We)?(Th)?(Fr)?(Sa)?(Su)?"
        xmlns:xs="http://www.w3.org/2001/XMLSchema" />
    </xs:restriction>
  </xs:simpleType>
</xs:attribute>
<xs:attribute name="SchoolInfoRefId" use="required" type="sif:IdRefType" />
</xs:complexType>
- <xs:element name="StudentTransportInfo"
  type="sif:StudentTransportInfoType">
  - <xs:unique name="StudentTransportInfoKey1">
    <xs:selector xpath="." />
    <xs:field xpath="@RefId" />
  </xs:unique>
</xs:element>
<!-- BusPositionInfo -->
- <xs:complexType name="BusPositionInfoType">
  - <xs:sequence>
    <xs:element name="Date" minOccurs="0" type="xs:date" />
    <xs:element name="Time" minOccurs="0" type="xs:time" />
    <xs:element ref="sif:GridLocation" minOccurs="0" />
    <xs:element name="TelematicsId" minOccurs="0" nillable="true"
      type="xs:normalizedString" />
  - <xs:element name="TelemetryList" minOccurs="0" nillable="true">
    - <xs:complexType>
      - <xs:sequence>
        <xs:element name="Telemetry" minOccurs="0"
          maxOccurs="unbounded" type="xs:normalizedString" />
      </xs:sequence>
    </xs:complexType>

```



```

</xs:element>
- <xs:element name="BusDriver" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
  <xs:element name="Name" minOccurs="0" nillable="true"
    type="sif:NameType" />
  <xs:element name="EmployeePersonalRefId" minOccurs="0"
    nillable="true" type="sif:IdRefType" />
- <xs:element name="Status" minOccurs="0">
- <xs:simpleType>
- <xs:restriction base="xs:token">
  <xs:enumeration value="On" />
  <xs:enumeration value="Off" />
  <xs:enumeration value="Sched" />
</xs:restriction>
</xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="BusStaffList" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="BusStaff" minOccurs="0"
  maxOccurs="unbounded">
- <xs:complexType>
- <xs:sequence>
  <xs:element name="Name" minOccurs="0"
    nillable="true" type="sif:NameType" />
  <xs:element name="EmployeePersonalRefId"
    minOccurs="0" nillable="true"
    type="sif:IdRefType" />
- <xs:element name="Status" minOccurs="0">
- <xs:simpleType>
- <xs:restriction base="xs:token">
  <xs:enumeration value="On" />
  <xs:enumeration value="Off" />
  <xs:enumeration value="Sched" />
</xs:restriction>
</xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="RouteStatus" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
  <xs:element name="BusRouteInfoRefId" minOccurs="0"
    type="sif:IdRefType" />

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```

- <xs:element name="Status" minOccurs="0">
  - <xs:simpleType>
    - <xs:restriction base="xs:token">
      <xs:enumeration value="Begin" />
      <xs:enumeration value="End" />
      <xs:enumeration value="Continue" />
    </xs:restriction>
  </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="OtherStatus" minOccurs="0" nillable="true"
  type="xs:normalizedString" />
- <xs:element name="Odometer" minOccurs="0" nillable="true">
  - <xs:complexType>
    - <xs:simpleContent>
      - <xs:extension base="sif:XSDDecimalOrEmpty">
        - <xs:attribute name="Unit" use="required">
          - <xs:simpleType>
            - <xs:restriction base="xs:token">
              <xs:enumeration value="km" />
              <xs:enumeration value="m" />
            </xs:restriction>
          </xs:simpleType>
        </xs:attribute>
      </xs:extension>
    </xs:simpleContent>
  </xs:complexType>
</xs:element>
- <xs:element name="Speedometer" minOccurs="0" nillable="true">
  - <xs:complexType>
    - <xs:simpleContent>
      - <xs:extension base="sif:XSDDecimalOrEmpty">
        - <xs:attribute name="Unit" use="required">
          - <xs:simpleType>
            - <xs:restriction base="xs:token">
              <xs:enumeration value="km" />
              <xs:enumeration value="m" />
            </xs:restriction>
          </xs:simpleType>
        </xs:attribute>
      </xs:extension>
    </xs:simpleContent>
  </xs:complexType>
</xs:element>
- <xs:element name="Students" minOccurs="0" nillable="true">
  - <xs:complexType>
    - <xs:sequence>
      - <xs:element name="Student" minOccurs="0"
        maxOccurs="unbounded">
        - <xs:complexType>

```

```

- <xs:sequence>
  <xs:element name="StudentPersonalRefId"
    minOccurs="0" type="sif:IdRefType" />
  - <xs:element name="Status" minOccurs="0">
    - <xs:simpleType>
      - <xs:restriction base="xs:token">
        <xs:enumeration value="On" />
        <xs:enumeration value="Off" />
        <xs:enumeration value="Entered" />
        <xs:enumeration value="Exited" />
        <xs:enumeration value="Sched" />
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
  type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
  - <xs:unique name="SIF_ExtendedElementsKey118">
    <xs:selector xpath="./sif:SIF_ExtendedElement" />
    <xs:field xpath="@Name" />
  </xs:unique>
</xs:element>
</xs:sequence>
<xs:attribute name="BusInfoRefId" use="required" type="sif:IdRefType" />
</xs:complexType>
- <xs:element name="BusPositionInfo" type="sif:BusPositionInfoType">
  - <xs:unique name="BusPositionInfoKey1">
    <xs:selector xpath="." />
    <xs:field xpath="@BusInfoRefId" />
  </xs:unique>
</xs:element>
<!-- VerticalReportingTaskForce -->
<!-- ReportManifest -->
- <xs:complexType name="ReportManifestType">
  - <xs:sequence>
    <xs:element name="SIF_Version" minOccurs="0"
      type="sif:VersionWithWildcardsType" />
    <xs:element name="SIF_MaxBufferSize" minOccurs="0"
      type="xs:unsignedInt" />
  - <xs:element name="ReceivingAuthority" minOccurs="0" nillable="true">
    - <xs:complexType>
      - <xs:simpleContent>
        - <xs:extension base="sif:IdRefTypeOrEmpty">
          - <xs:attribute name="SIF_RefObject" use="required">
            - <xs:simpleType>

```

```

- <xs:restriction base="xs:token">
  <xs:enumeration value="ReportAuthorityInfo" />
</xs:restriction>
</xs:simpleType>
</xs:attribute>
</xs:extension>
</xs:simpleContent>
</xs:complexType>
</xs:element>
<xs:element name="ReportName" minOccurs="0"
  type="xs:normalizedString" />
<xs:element name="Description" minOccurs="0" nillable="true"
  type="xs:string" />
- <xs:element name="ReportingPeriod" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
  <xs:element name="BeginReportDate" minOccurs="0"
    nillable="true" type="xs:date" />
  <xs:element name="EndReportDate" minOccurs="0"
    nillable="true" type="xs:date" />
  <xs:element name="BeginSubmitDate" minOccurs="0"
    nillable="true" type="xs:date" />
  <xs:element name="EndSubmitDate" minOccurs="0"
    nillable="true" type="xs:date" />
  <xs:element name="DueDate" minOccurs="0" nillable="true"
    type="xs:date" />
</xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="ReportDefinitionSource" minOccurs="0">
- <xs:complexType>
- <xs:simpleContent>
- <xs:extension base="xs:string">
- <xs:attribute name="Type" use="required">
- <xs:simpleType>
- <xs:restriction base="xs:token">
  <xs:enumeration value="URL" />
  <xs:enumeration value="Embedded" />
  <xs:enumeration value="Base64Binary" />
  <xs:enumeration value="SIF_Query" />
  <xs:enumeration value="SIF_ExtendedQuery" />
</xs:restriction>
</xs:simpleType>
</xs:attribute>
<xs:attribute name="QueryLanguage" use="required"
  type="xs:token" />
</xs:extension>
</xs:simpleContent>
</xs:complexType>
</xs:element>
- <xs:element name="ReportFormatList" minOccurs="0" nillable="true">
- <xs:complexType>

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- <xs:sequence>
- <xs:element name="ReportFormat" minOccurs="0"
  maxOccurs="unbounded">
- <xs:complexType>
- <xs:simpleContent>
- <xs:extension base="xs:string">
- <xs:attribute name="Type" use="required">
- <xs:simpleType>
- <xs:restriction base="xs:token">
  <xs:enumeration value="URL" />
  <xs:enumeration
    value="Embedded" />
  <xs:enumeration
    value="Base64Binary" />
  </xs:restriction>
</xs:simpleType>
</xs:attribute>
<xs:attribute name="ContentType"
  use="required" type="xs:normalizedString" />
</xs:extension>
</xs:simpleContent>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="SIF_QueryGroup" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
  <xs:element ref="sif:SIF_Query" minOccurs="0"
    maxOccurs="unbounded" />
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="SIF_ExtendedQuery" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedQueryDataModelType" />
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
  type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
- <xs:unique name="SIF_ExtendedElementsKey119">
  <xs:selector xpath="./sif:SIF_ExtendedElement" />
  <xs:field xpath="@Name" />
</xs:unique>
</xs:element>
</xs:sequence>
<xs:attribute name="RefId" use="required" type="sif:RefIdType" />
<xs:attribute name="ReportAuthorityInfoRefId" use="required"
  type="sif:IdRefType" />
</xs:complexType>
- <xs:element name="ReportManifest" type="sif:ReportManifestType">
- <xs:unique name="ReportManifestKey1">
  <xs:selector xpath="." />

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```

    <xs:field xpath="@RefId" />
  </xs:unique>
</xs:element>
<!-- ReportAuthorityInfo -->
- <xs:complexType name="ReportAuthorityInfoType">
- <xs:sequence>
  <xs:element name="AuthorityName" minOccurs="0"
    type="xs:normalizedString" />
  <xs:element name="AuthorityId" minOccurs="0" type="xs:token" />
  <xs:element name="AuthorityDepartment" minOccurs="0" nillable="true"
    type="xs:normalizedString" />
- <xs:element name="AuthorityLevel" minOccurs="0">
- <xs:simpleType>
  - <xs:restriction base="xs:token">
    <xs:enumeration value="Federal" />
    <xs:enumeration value="State" />
    <xs:enumeration value="RSA" />
    <xs:enumeration value="LEA" />
    <xs:enumeration value="School" />
    <xs:enumeration value="Other" />
  </xs:restriction>
</xs:simpleType>
</xs:element>
  <xs:element name="ContactInfo" minOccurs="0" nillable="true"
    type="sif:ContactInfoType" />
  <xs:element name="Address" minOccurs="0" nillable="true"
    type="sif:AddressType" />
  <xs:element name="PhoneNumber" minOccurs="0" nillable="true"
    type="sif:PhoneNumberType" />
  <xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
    type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
  - <xs:unique name="SIF_ExtendedElementsKey120">
    <xs:selector xpath="./sif:SIF_ExtendedElement" />
    <xs:field xpath="@Name" />
  </xs:unique>
</xs:element>
</xs:sequence>
  <xs:attribute name="RefId" use="required" type="sif:RefIdType" />
</xs:complexType>
- <xs:element name="ReportAuthorityInfo" type="sif:ReportAuthorityInfoType">
- <xs:unique name="ReportAuthorityInfoKey1">
  <xs:selector xpath="." />
  <xs:field xpath="@RefId" />
</xs:unique>
</xs:element>
<!-- SIF_ReportObject -->
- <xs:complexType name="SIF_ReportObjectType">
- <xs:sequence>
  - <xs:element name="ReportInfo" minOccurs="0" nillable="true">
    - <xs:complexType>

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- <xs:sequence>
  <xs:element name="CalculationDate" minOccurs="0"
    type="xs:date" />
  <xs:element name="SubmissionNumber" minOccurs="0"
    type="xs:positiveInteger" />
- <xs:element name="SubmissionReason" minOccurs="0">
  - <xs:simpleType>
    - <xs:restriction base="xs:token">
      <xs:enumeration value="Initial" />
      <xs:enumeration value="Correction" />
      <xs:enumeration value="Revision" />
      <xs:enumeration value="Addition" />
    </xs:restriction>
  </xs:simpleType>
</xs:element>
- <xs:element name="ReportSubmitterInfo" minOccurs="0"
  nillable="true">
  - <xs:complexType>
    - <xs:sequence>
      - <xs:element name="SIF_RefId" minOccurs="0"
        nillable="true">
        - <xs:complexType>
          - <xs:simpleContent>
            - <xs:extension
              base="sif:IdRefTypeOrEmpty">
              - <xs:attribute name="SIF_RefObject"
                use="required">
                - <xs:simpleType>
                  - <xs:restriction
                    base="xs:token">
                    <xs:enumeration
                      value="LEAInfo" />
                    <xs:enumeration
                      value="SchoolInfo" />
                    </xs:restriction>
                  </xs:simpleType>
                </xs:attribute>
              </xs:extension>
            </xs:simpleContent>
          </xs:complexType>
        </xs:element>
      <xs:element name="SubmitterName" minOccurs="0"
        type="xs:normalizedString" />
      <xs:element name="SubmitterDepartment"
        minOccurs="0" nillable="true"
        type="xs:normalizedString" />
      <xs:element name="ContactInfo" minOccurs="0"
        nillable="true" type="sif:ContactInfoType" />
      <xs:element name="Address" minOccurs="0"
        nillable="true" type="sif:AddressType" />
      <xs:element name="PhoneNumber" minOccurs="0"
        nillable="true" type="sif:PhoneNumberType" />
      <xs:element name="SubmitterNotes" minOccurs="0"

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        nillable="true" type="xs:string" />
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="Description" minOccurs="0" nillable="true"
    type="xs:string" />
</xs:sequence>
<xs:attribute name="ReportManifestRefId" use="required"
  type="sif:IdRefType" />
</xs:complexType>
</xs:element>
<xs:element name="ReportData" minOccurs="0" nillable="true"
  type="sif:ReportDataObjectType" />
<xs:element name="SIF_ExtendedQueryResults" minOccurs="0"
  nillable="true" type="sif:SIF_ExtendedQueryResultsDataModelType" />
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
  type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
  - <xs:unique name="SIF_ExtendedElementsKey121">
    <xs:selector xpath="/sif:SIF_ExtendedElement" />
    <xs:field xpath="@Name" />
  </xs:unique>
</xs:element>
</xs:sequence>
<xs:attribute name="RefId" use="required" type="sif:RefIdType" />
</xs:complexType>
- <xs:element name="SIF_ReportObject" type="sif:SIF_ReportObjectType">
  - <xs:unique name="SIF_ReportObjectKey1">
    <xs:selector xpath="." />
    <xs:field xpath="@RefId" />
  </xs:unique>
</xs:element>
<!-- StudentLocator -->
- <xs:complexType name="StudentLocatorType">
  - <xs:sequence>
    <xs:element ref="sif:StateProvinceId" minOccurs="0" />
    <xs:element name="Confidence" minOccurs="0" nillable="true"
      type="xs:normalizedString" />
    <xs:element name="LocalId" minOccurs="0" nillable="true"
      type="sif:LocalIdType" />
    <xs:element name="StudentPersonalRefId" minOccurs="0" nillable="true"
      type="sif:IdRefType" />
  - <xs:element name="RequestingAgencyId" minOccurs="0"
    maxOccurs="unbounded">
    <xs:complexType>
      <xs:simpleContent>
        - <xs:extension base="xs:normalizedString">
          - <xs:attribute name="Type" use="required">
            - <xs:simpleType>
              - <xs:restriction base="xs:token">
                <xs:enumeration value="ESA" />
                <xs:enumeration value="LEA" />
              </xs:restriction>
            </xs:simpleType>
          </xs:attribute>
        </xs:extension>
      </xs:simpleContent>
    </xs:complexType>
  </xs:element>
</xs:sequence>
</xs:complexType>

```



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        <xs:enumeration value="School" />
      </xs:restriction>
    </xs:simpleType>
  </xs:attribute>
</xs:extension>
</xs:simpleContent>
</xs:complexType>
</xs:element>
<xs:element name="GradeLevel" minOccurs="0" nillable="true"
  type="sif:GradeLevelType" />
<xs:element name="SSN" minOccurs="0" nillable="true"
  type="xs:normalizedString" />
<xs:element ref="sif:Name" minOccurs="0" maxOccurs="unbounded" />
<xs:element ref="sif:Address" minOccurs="0" maxOccurs="unbounded" />
<xs:element name="Demographics" minOccurs="0" nillable="true"
  type="sif:DemographicsType" />
- <xs:element name="Contact" minOccurs="0" maxOccurs="unbounded">
- <xs:complexType>
  - <xs:sequence>
    <xs:element ref="sif:Relationship" minOccurs="0" />
    <xs:element ref="sif:Name" minOccurs="0"
      maxOccurs="unbounded" />
    <xs:element name="OtherId" minOccurs="0" nillable="true"
      type="sif:OtherIdType" />
    <xs:element name="EducationalLevel" minOccurs="0"
      nillable="true" type="sif:EducationalLevelType" />
  </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="EffectiveDate" minOccurs="0" nillable="true"
  type="xs:date" />
<xs:element name="StartDate" minOccurs="0" nillable="true"
  type="xs:date" />
<xs:element name="EndDate" minOccurs="0" nillable="true"
  type="xs:date" />
<xs:element name="GraduationDate" minOccurs="0" nillable="true"
  type="sif:GraduationDateType" />
<xs:element name="SchoolAttendedName" minOccurs="0" nillable="true"
  type="xs:normalizedString" />
<xs:element name="SchoolAttendedLocation" minOccurs="0"
  nillable="true" type="xs:normalizedString" />
<xs:element name="OtherId" minOccurs="0" nillable="true"
  type="sif:OtherIdType" />
<xs:element name="SIF_Error" minOccurs="0" nillable="true"
  type="sif:SIF_ErrorDataModelType" />
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
  type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
  type="sif:SIF_ExtendedElementsType">
- <xs:unique name="SIF_ExtendedElementsKey122">
  <xs:selector xpath="./sif:SIF_ExtendedElement" />
  <xs:field xpath="@Name" />
</xs:unique>

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```

    </xs:element>
  </xs:sequence>
- <xs:attribute name="IdStatus" use="required">
- <xs:simpleType>
  - <xs:restriction base="xs:token">
    <xs:enumeration value="Request" />
    <xs:enumeration value="Release" />
    <xs:enumeration value="Valid" />
    <xs:enumeration value="Ambiguous" />
    <xs:enumeration value="Resolve" />
    <xs:enumeration value="New" />
    <xs:enumeration value="Cancel" />
    <xs:enumeration value="Cancelled" />
    <xs:enumeration value="Error" />
  </xs:restriction>
</xs:simpleType>
</xs:attribute>
<xs:attribute name="TransactionId" use="required" type="sif:GUIDType" />
</xs:complexType>
<xs:element name="StudentLocator" type="sif:StudentLocatorType" />
<!-- InfrastructureWorkingGroup -->
<!-- SIF_LogEntry -->
- <xs:complexType name="SIF_LogEntryType">
- <xs:sequence>
  - <xs:element name="SIF_LogEntryHeader" minOccurs="0">
    - <xs:complexType>
      - <xs:sequence>
        <xs:element ref="sif:SIF_Header" minOccurs="0" />
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  - <xs:element name="SIF_OriginalHeader" minOccurs="0" nillable="true">
    - <xs:complexType>
      - <xs:sequence>
        <xs:element ref="sif:SIF_Header" minOccurs="0" />
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  - <xs:element name="SIF_Category" minOccurs="0" nillable="true">
    - <xs:simpleType>
      - <xs:restriction base="xs:token">
        <xs:enumeration value="1" />
        <xs:enumeration value="2" />
        <xs:enumeration value="3" />
        <xs:enumeration value="4" />
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  - <xs:element name="SIF_Code" minOccurs="0" nillable="true">
    - <xs:simpleType>
      - <xs:union>
        - <xs:simpleType>

```

```

        <xs:restriction
          base="sif:SIF_LogEntrySuccessCategoryType" />
      </xs:simpleType>
    - <xs:simpleType>
      <xs:restriction
        base="sif:SIF_LogEntryDataIssuesWithSuccessResultType" />
      </xs:simpleType>
    - <xs:simpleType>
      <xs:restriction
        base="sif:SIF_LogEntryDataIssuesWithFailureResultType" />
      </xs:simpleType>
    - <xs:simpleType>
      <xs:restriction
        base="sif:SIF_LogEntryAgentErrorConditionType" />
      </xs:simpleType>
    - <xs:simpleType>
      <xs:restriction
        base="sif:SIF_LogEntryZISErrorConditionType" />
      </xs:simpleType>
  </xs:union>
</xs:simpleType>
</xs:element>
- <xs:element name="SIF_ApplicationCode" minOccurs="0" nillable="true">
  - <xs:simpleType>
    - <xs:restriction base="xs:normalizedString">
      <xs:maxLength value="64"
        xmlns:xs="http://www.w3.org/2001/XMLSchema" />
    </xs:restriction>
  </xs:simpleType>
</xs:element>
- <xs:element name="SIF_Desc" minOccurs="0">
  - <xs:simpleType>
    - <xs:restriction base="xs:string">
      <xs:maxLength value="1024"
        xmlns:xs="http://www.w3.org/2001/XMLSchema" />
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="SIF_ExtendedDesc" minOccurs="0" nillable="true"
  type="xs:string" />
- <xs:element name="SIF_LogObjects" minOccurs="0" nillable="true">
  - <xs:complexType>
    - <xs:sequence>
      - <xs:element name="SIF_LogObject" minOccurs="0"
        maxOccurs="unbounded">
        <xs:complexType>
          - <xs:complexContent>
            - <xs:extension base="sif:SIF_ResponseObjectType">
              <xs:attribute name="ObjectName"
                use="required"
                type="sif:SIF_RequestObjectNamesType" />
            </xs:extension>
          </xs:complexContent>
        </xs:complexType>
      </xs:sequence>
    </xs:complexType>
  </xs:element>

```

```

        </xs:complexType>
        </xs:element>
    </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
    type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
    type="sif:SIF_ExtendedElementsType">
- <xs:unique name="SIF_ExtendedElementsKey123">
    <xs:selector xpath="./sif:SIF_ExtendedElement" />
    <xs:field xpath="@Name" />
</xs:unique>
</xs:element>
</xs:sequence>
- <xs:attribute name="Source" use="required">
- <xs:simpleType>
- <xs:restriction base="xs:token">
    <xs:enumeration value="Agent" />
    <xs:enumeration value="ZIS" />
</xs:restriction>
</xs:simpleType>
</xs:attribute>
- <xs:attribute name="LogLevel" use="required">
- <xs:simpleType>
- <xs:restriction base="xs:token">
    <xs:enumeration value="Info" />
    <xs:enumeration value="Warning" />
    <xs:enumeration value="Error" />
</xs:restriction>
</xs:simpleType>
</xs:attribute>
</xs:complexType>
<xs:element name="SIF_LogEntry" type="sif:SIF_LogEntryType" />
<!-- Authentication -->
- <xs:complexType name="AuthenticationType">
- <xs:sequence>
- <xs:element name="AuthenticationInfo" minOccurs="0">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="System" minOccurs="0">
- <xs:complexType>
- <xs:simpleContent>
- <xs:restriction base="xs:anyType">
- <xs:simpleType>
- <xs:restriction base="xs:normalizedString">
    <xs:maxLength value="255"
        xmlns:xs="http://www.w3.org/2001/XMLSchema" />
</xs:restriction>
</xs:simpleType>
- <xs:attribute name="Type" use="required">
- <xs:simpleType>

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```

- <xs:restriction base="xs:token">
  <xs:enumeration value="Network" />
  <xs:enumeration
    value="Application" />
</xs:restriction>
</xs:simpleType>
</xs:attribute>
</xs:restriction>
</xs:simpleContent>
</xs:complexType>
</xs:element>
- <xs:element name="Username" minOccurs="0" nillable="true">
- <xs:simpleType>
- <xs:restriction base="xs:normalizedString">
  <xs:maxLength value="64"
    xmlns:xs="http://www.w3.org/2001/XMLSchema" />
</xs:restriction>
</xs:simpleType>
</xs:element>
- <xs:element name="DistinguishedName" minOccurs="0"
  nillable="true">
- <xs:simpleType>
- <xs:restriction base="xs:normalizedString">
  <xs:maxLength value="255"
    xmlns:xs="http://www.w3.org/2001/XMLSchema" />
</xs:restriction>
</xs:simpleType>
</xs:element>
- <xs:element name="PasswordList" minOccurs="0"
  nillable="true">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="Password" minOccurs="0"
  maxOccurs="unbounded">
- <xs:complexType>
- <xs:simpleContent>
- <xs:restriction base="xs:anyType">
- <xs:simpleType>
- <xs:restriction
  base="xs:base64Binary">
  <xs:maxLength value="255"
    xmlns:xs="http://www.w3.org/2001/XMLSchema" />
</xs:restriction>
</xs:simpleType>
- <xs:attribute name="Algorithm"
  use="required">
- <xs:simpleType>
- <xs:restriction
  base="xs:token">
  <xs:enumeration
    value="base64" />
  <xs:enumeration
    value="MD5" />

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```

        <xs:enumeration
            value="SHA1" />
        <xs:enumeration
            value="DES" />
        <xs:enumeration
            value="TripleDES" />
        <xs:enumeration
            value="RC2" />
        <xs:enumeration
            value="AES" />
        <xs:enumeration
            value="RSA" />
    </xs:restriction>
</xs:simpleType>
</xs:attribute>
- <xs:attribute name="KeyName"
    use="required">
- <xs:simpleType>
- <xs:restriction
    base="xs:normalizedString">
    <xs:maxLength value="64"
        xmlns:xs="http://www.w3.org/2001/XMLSchema" />
    </xs:restriction>
</xs:simpleType>
</xs:attribute>
</xs:restriction>
</xs:simpleContent>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="SIF_Metadata" minOccurs="0" nillable="true"
    type="sif:SIF_MetadataType" />
- <xs:element name="SIF_ExtendedElements" minOccurs="0" nillable="true"
    type="sif:SIF_ExtendedElementsType">
- <xs:unique name="SIF_ExtendedElementsKey124">
    <xs:selector xpath="./sif:SIF_ExtendedElement" />
    <xs:field xpath="@Name" />
</xs:unique>
</xs:element>
</xs:sequence>
<xs:attribute name="RefId" use="required" type="sif:RefIdType" />
<xs:attribute name="SIF_RefId" use="required" type="sif:IdRefType" />
- <xs:attribute name="SIF_RefObject" use="required">
- <xs:simpleType>
- <xs:restriction base="xs:token">
    <xs:enumeration value="StudentPersonal" />
    <xs:enumeration value="StaffPersonal" />
    <xs:enumeration value="StudentContact" />

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        <xs:enumeration value="EmployeePersonal" />
    </xs:restriction>
</xs:simpleType>
</xs:attribute>
</xs:complexType>
- <xs:element name="Authentication" type="sif:AuthenticationType">
- <xs:unique name="AuthenticationKey1">
    <xs:selector xpath="." />
    <xs:field xpath="@RefId" />
</xs:unique>
</xs:element>
- <xs:simpleType name="InfrastructureStatusCodeType">
- <xs:restriction base="xs:token">
    <xs:enumeration value="0" />
    <xs:enumeration value="1" />
    <xs:enumeration value="2" />
    <xs:enumeration value="3" />
    <xs:enumeration value="7" />
    <xs:enumeration value="8" />
    <xs:enumeration value="9" />
</xs:restriction>
</xs:simpleType>
- <xs:simpleType name="InfrastructureErrorCategoryType">
- <xs:restriction base="xs:token">
    <xs:enumeration value="0" />
    <xs:enumeration value="1" />
    <xs:enumeration value="2" />
    <xs:enumeration value="3" />
    <xs:enumeration value="4" />
    <xs:enumeration value="5" />
    <xs:enumeration value="6" />
    <xs:enumeration value="7" />
    <xs:enumeration value="8" />
    <xs:enumeration value="9" />
    <xs:enumeration value="10" />
    <xs:enumeration value="11" />
    <xs:enumeration value="12" />
    <xs:enumeration value="13" />
</xs:restriction>
</xs:simpleType>
- <xs:simpleType name="InfrastructureXMLValidationErrorType">
- <xs:restriction base="xs:token">
    <xs:enumeration value="1" />
    <xs:enumeration value="2" />
    <xs:enumeration value="3" />
    <xs:enumeration value="4" />
    <xs:enumeration value="6" />
</xs:restriction>
</xs:simpleType>
- <xs:simpleType name="InfrastructureEncryptionErrorType">
- <xs:restriction base="xs:token">
    <xs:enumeration value="1" />

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```

    </xs:restriction>
  </xs:simpleType>
- <xs:simpleType name="InfrastructureAuthenticationErrorType">
- <xs:restriction base="xs:token">
  <xs:enumeration value="1" />
  <xs:enumeration value="2" />
  <xs:enumeration value="3" />
  <xs:enumeration value="4" />
  <xs:enumeration value="5" />
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    <xs:enumeration value="MB" />
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- <xs:simpleType name="ObjectNameType">
- <xs:restriction>
- <xs:simpleType>
- <xs:restriction base="xs:NCName">
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</xs:simpleType>
<!-- MonetaryAmountType -->
- <xs:complexType name="MonetaryAmountType">
- <xs:simpleContent>
- <xs:extension base="sif:XSDecimalOrEmpty">

```

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        <xs:attribute name="Currency" use="optional"
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- <xs:simpleType name="URIOrBinaryType">
- <xs:union>
- <xs:simpleType>
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- <xs:simpleType>
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</xs:simpleType>
</xs:union>
</xs:simpleType>
<!-- GUIDType -->
- <xs:simpleType name="GUIDType">
- <xs:restriction>
- <xs:simpleType>
- <xs:restriction base="xs:token">
    <xs:pattern value="[0-9A-F]{32}"
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</xs:restriction>
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</xs:simpleType>
<!-- MsgIdType -->
- <xs:simpleType name="MsgIdType">
    <xs:restriction base="sif:GUIDType" />
</xs:simpleType>
<!-- RefIdType -->
- <xs:simpleType name="RefIdType">
    <xs:restriction base="sif:GUIDType" />
</xs:simpleType>
<!-- IdRefType -->
- <xs:simpleType name="IdRefType">
    <xs:restriction base="sif:RefIdType" />
</xs:simpleType>
<!-- VersionType -->
- <xs:simpleType name="VersionType">
- <xs:restriction>
- <xs:simpleType>
- <xs:restriction base="xs:token">
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    <xs:pattern value="[0-9]+[.][0-9]+(r[0-9]+)?"
        xmlns:xs="http://www.w3.org/2001/XMLSchema" />
</xs:restriction>
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</xs:simpleType>

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```

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- <xs:restriction>
- <xs:simpleType>
- <xs:restriction base="xs:token">
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  <xs:pattern value="\*|([0-9]+[.]\*)|([0-9]+[.][0-9]+r\*)|([0-9]
  +[.][0-9]+(r[0-9]+)?)"
  xmlns:xs="http://www.w3.org/2001/XMLSchema" />
  </xs:restriction>
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</xs:restriction>
</xs:simpleType>
<!-- DefinedProtocolsType -->
- <xs:simpleType name="DefinedProtocolsType">
- <xs:restriction base="xs:token">
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  <xs:enumeration value="HTTP" />
</xs:restriction>
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<!-- ExtendedContentType -->
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- <xs:sequence>
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- <xs:complexType name="OrganizationRelationshipType">
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- <xs:simpleType>
    <xs:restriction base="xs:gYearMonth" />
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- <xs:simpleType>
    <xs:restriction base="xs:gYear" />
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</xs:simpleType>
<!-- ReportPackageType -->
- <xs:complexType name="ReportPackageType">
- <xs:complexContent>
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- <xs:sequence>
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    type="sif:SIF_ExtendedElementsType">
- <xs:unique name="SIF_ExtendedElementsKey125">
    <xs:selector xpath="/sif:SIF_ExtendedElement" />
    <xs:field xpath="@Name" />
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</xs:element>
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- <xs:simpleContent>
- <xs:extension base="sif:MonetaryAmountType">
- <xs:attribute name="Type" use="required">
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- <xs:restriction base="xs:token">
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        <xs:enumeration value="Check" />
        <xs:enumeration value="CreditCard" />
        <xs:enumeration value="ACH" />
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    <xs:element name="MealType" minOccurs="0" nillable="true"
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    <xs:element name="Amount" minOccurs="0" nillable="true"
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- <xs:complexType name="NameOfRecordType">
- <xs:complexContent>
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</xs:complexType>
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        type="xs:normalizedString" />
    <xs:element name="PreferredName" minOccurs="0" nillable="true"
        type="xs:normalizedString" />
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    <xs:enumeration value="Billing" />
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    <xs:enumeration value="And" />
    <xs:enumeration value="Or" />
    <xs:enumeration value="None" />
</xs:restriction>
</xs:simpleType>
</xs:attribute>
</xs:complexType>
</xs:element>
</xs:sequence>
- <xs:attribute name="Type" use="required">
- <xs:simpleType>
- <xs:restriction base="xs:token">
    <xs:enumeration value="And" />
    <xs:enumeration value="Or" />
    <xs:enumeration value="None" />
</xs:restriction>
</xs:simpleType>
</xs:attribute>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
- <xs:element name="SIF_OrderBy" minOccurs="0" nillable="true">
- <xs:complexType>
- <xs:sequence>
- <xs:element name="SIF_Element" minOccurs="0"
    maxOccurs="unbounded">
- <xs:complexType>
- <xs:simpleContent>
- <xs:extension base="xs:normalizedString">
    <xs:attribute name="ObjectName"
        use="required"
        type="sif:SIF_RequestObjectNamesType" />
- <xs:attribute name="Ordering" use="required">
- <xs:simpleType>
- <xs:restriction base="xs:token">
    <xs:enumeration value="Ascending" />
    <xs:enumeration
        value="Descending" />
</xs:restriction>
</xs:simpleType>

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        </xs:attribute>
      </xs:extension>
    </xs:simpleContent>
  </xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
<!-- SIF_ExtendedQueryResultsDataModelType -->
- <xs:complexType name="SIF_ExtendedQueryResultsDataModelType">
- <xs:sequence>
  - <xs:element name="SIF_ColumnHeaders" minOccurs="0">
    - <xs:complexType>
      - <xs:sequence>
        - <xs:element name="SIF_Element" minOccurs="0"
          maxOccurs="unbounded">
          - <xs:complexType>
            - <xs:simpleContent>
              - <xs:extension base="xs:normalizedString">
                <xs:attribute name="ObjectName"
                  use="required"
                  type="sif:SIF_RequestObjectNamesType" />
              - <xs:attribute name="Alias" use="optional">
                - <xs:simpleType>
                  - <xs:restriction
                    base="xs:normalizedString">
                      <xs:maxLength value="64"
                        xmlns:xs="http://www.w3.org/2001/XMLSchema" />
                    </xs:restriction>
                  </xs:simpleType>
                </xs:attribute>
                <!-- <xs:attribute ref="xsi:type"
                  use="optional" /> -->
              </xs:extension>
            </xs:simpleContent>
          </xs:complexType>
        </xs:element>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
- <xs:element name="SIF_Rows" minOccurs="0">
  - <xs:complexType>
    - <xs:sequence>
      - <xs:element name="R" minOccurs="0"
        maxOccurs="unbounded">
        - <xs:complexType>
          - <xs:sequence>
            <xs:element name="C" minOccurs="0"
              maxOccurs="unbounded"
              type="sif:SelectedContentType" />
          </xs:sequence>
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>

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        </xs:sequence>
      </xs:complexType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
<!-- XSUnsignedIntOrEmpty -->
- <xs:simpleType name="XSUnsignedIntOrEmpty">
- <xs:union>
  - <xs:simpleType>
    <xs:restriction base="xs:unsignedInt" />
  </xs:simpleType>
  - <xs:simpleType>
    - <xs:restriction base="xs:string">
      <xs:length value="0" />
    </xs:restriction>
  </xs:simpleType>
</xs:union>
</xs:simpleType>
<!-- XSDecimalOrEmpty -->
- <xs:simpleType name="XSDecimalOrEmpty">
- <xs:union>
  - <xs:simpleType>
    <xs:restriction base="xs:decimal" />
  </xs:simpleType>
  - <xs:simpleType>
    - <xs:restriction base="xs:string">
      <xs:length value="0" />
    </xs:restriction>
  </xs:simpleType>
</xs:union>
</xs:simpleType>
<!-- URIOrBinaryTypeOrEmpty -->
- <xs:simpleType name="URIOrBinaryTypeOrEmpty">
- <xs:union>
  - <xs:simpleType>
    <xs:restriction base="sif:URIOrBinaryType" />
  </xs:simpleType>
  - <xs:simpleType>
    - <xs:restriction base="xs:string">
      <xs:length value="0" />
    </xs:restriction>
  </xs:simpleType>
</xs:union>
</xs:simpleType>
<!-- XSTimeOrEmpty -->
- <xs:simpleType name="XSTimeOrEmpty">
- <xs:union>
  - <xs:simpleType>
    <xs:restriction base="xs:time" />

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    </xs:simpleType>
  - <xs:simpleType>
    - <xs:restriction base="xs:string">
      <xs:length value="0" />
    </xs:restriction>
  </xs:simpleType>
</xs:union>
</xs:simpleType>
<!-- IdRefTypeOrEmpty -->
- <xs:simpleType name="IdRefTypeOrEmpty">
  - <xs:union>
    - <xs:simpleType>
      <xs:restriction base="sif:IdRefType" />
    </xs:simpleType>
    - <xs:simpleType>
      - <xs:restriction base="xs:string">
        <xs:length value="0" />
      </xs:restriction>
    </xs:simpleType>
  </xs:union>
</xs:simpleType>
<!-- XSBase64BinaryOrEmpty -->
- <xs:simpleType name="XSBase64BinaryOrEmpty">
  - <xs:union>
    - <xs:simpleType>
      <xs:restriction base="xs:base64Binary" />
    </xs:simpleType>
    - <xs:simpleType>
      - <xs:restriction base="xs:string">
        <xs:length value="0" />
      </xs:restriction>
    </xs:simpleType>
  </xs:union>
</xs:simpleType>
</xs:schema>

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