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<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE rfc SYSTEM "rfc2629-xhtml.ent" ><?xml-stylesheet type='text/xsl' href='rfc2629.xslt' ?>

<!-- used by XSLT processors -->
<!-- For a complete list and description of processing instructions (PIs),
please see http://xml.resource.org/authoring/README.html. -->
<rfc category='info' docName='draft-rosen-ecrit-emergency-registries-00' ipr='trust200902' obsoletes='' sortRefs='true' submissionType='IETF' symRefs='tr
<!-- category values: std, bcp, info, exp, and historic

    ipr values: trust200902, noModificationTrust200902, noDerivativesTrust200902,
    or pre5378Trust200902

    you can add the attributes updates="NNNN" and obsoletes="NNNN"
        they will automatically be output with "(if approved)" -->
<!-- ***** FRONT MATTER ***** -->
<front>
<!-- The abbreviated title is used in the page header - it is only necessary if the
    full title is longer than 39 characters -->
<title abbrev='Emergency Registries'>Emergency Registries</title>
<seriesInfo name='Internet-Draft' value='draft-rosen-ecrit-emergency-registries' />
<!-- add 'role="editor"' below for the editors if appropriate -->
<!-- Another author who claims to be an editor -->
<author fullname='Brian Rosen' initials='B.R.' surname='Rosen'>
    <organization>Unaffiliated</organization>
    <address>
        <postal>
            <street />
    <!-- Reorder these if your country does things differently -->
        <city>Mars</city>
        <region>PA</region>
        <code />
        <country>Us</country>
    </postal>
    <email>br@brianrosen.net</email>
<!-- uri and facsimile elements may also be added -->
    </address>
</author>
<author fullname='Brandon Abley' initials='B.A.' surname='Abley'>
    <organization>NENA</organization>
    <address>
        <postal>
            <street />
    <!-- Reorder these if your country does things differently -->
        <city>Alexandria</city>
        <region>VA</region>
        <code />
        <country>Us</country>
    </postal>
    <email>babley@nena.org</email>
<!-- uri and facsimile elements may also be added -->
    </address>
</author>
<date year='2023' />
<!-- If the month and year are both specified and are the current ones, xml2rfc will fill
    in the current day for you. If only the current year is specified, xml2rfc will fill
    in the current day and month for you. If the year is not the current one, it is
    necessary to specify at least a month (xml2rfc assumes day="1" if not specified for the
    purpose of calculating the expiry date). With drafts it is normally sufficient to
    specify just the year. -->
<!-- Meta-data Declarations -->
<area>ART</area>
<workgroup>ecrit</workgroup>
<!-- WG name at the upperleft corner of the doc,
    IETF is fine for individual submissions.

    If this element is not present, the default is "Network Working Group",
    which is used by the RFC Editor as a nod to the history of the IETF. -->
<!-- Keywords will be incorporated into HTML output
    files in a meta tag but they have no effect on text or nroff
    output. If you submit your draft to the RFC Editor, the
    keywords will be used for the search engine. -->
<abstract>
-   <t>Multiple emergency services standards organizations are developing standards based on IETF emergency call standards and other IETF protocols. T
+   <t>Multiple emergency services standards organizations are developing specifications based on IETF emergency calling and other IETF protocols. Ther
</abstract>
</front>
<middle>
    <section anchor='intro' numbered='true' toc='default'>
        <name>Introduction</name>
        <t>
            <xref target='RFC6443' />

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establishes a framework for carrying emergency calls over the Internet using the SIP (
<xref target='RFC3261' />

-      ) protocol. Various regional organizations are developing standards for how calls conforming to this framework are handled within the Emergency
+      ) protocol. Various regional organizations are developing standards for how calls conforming to this framework are handled within the Emergency
<xref format='default' target='NENAi3'>The NENA i3 Standard</xref>.

</t>
<section anchor='requirements' numbered='true' toc='default'>
-   <name>Requirements Language</name>
-   <t>
-       The key words "MUST", "MUST NOT", "REQUIRED", "SHALL", "SHALL NOT",
-       "SHOULD", "SHOULD NOT", "RECOMMENDED", "MAY", and "OPTIONAL" in this
-       document are to be interpreted as described in
-       <xref format='default' target='RFC2119'>RFC 2119</xref>
-
-       .
-
-       .
-
-       .
-
-       </t>
-   </section>
</section>
<section anchor='Acknowledgements' numbered='true' toc='default'>
-   <name>Acknowledgements</name>
-   <t>Thanks to the workgroups and committees at NENA: The 9-1-1 Association, especially the Core Services and Agency Systems committees, as well as E
</section>
<!-- Possibly a 'Contributors' section ... -->
<section anchor='conventions' title='Conventions used in this document'>
-   <t>The key words "MUST", "MUST NOT", "REQUIRED", "SHALL", "SHALL NOT", "SHOULD", "SHOULD NOT", "RECOMMENDED", "MAY", and "OPTIONAL" in this documen
+   <t>
+
+   The key words "MUST", "MUST NOT", "REQUIRED", "SHALL", "SHALL NOT", "SHOULD", "SHOULD NOT", "RECOMMENDED", "MAY", and "OPTIONAL" in this document
<xref target='RFC2119' />.

</t>
<t>
-   In this document, "NG9-1-1" is use to describe next-generation emergency calling services generally and is meant to include NG112 initiat
-   <xref target='NG112' />.
+
+   <xref target='NG112' />) and similar programs in other regions.

</t>
</section>
<section anchor='IANA' numbered='true' toc='default'>
-   <name>IANA Considerations</name>
-   <t>This document creates a number of registries. The initial values for these registries are not defined and will be submitted by regional and inte
<section>
+   <name>SIP Reason Protocols</name>
+   <t>
+
+   IANA is requested to add the value "emergency" to the SIP Protocols Registry (
+   <xref target='SIPProto' />.

+
+   </t>
+   <section>
+     <name>Protocol Value</name>
+     <t>"emergency" </t>
+   </section>
+   <section>
+     <name>Protocol Cause</name>
+     <t>"Emergency call processing" </t>
+   </section>
+   <section>
+     <name>Reference</name>
+     <t>
+
+     This document, and (
+     <xref target='NENAi3' />).

+
+   </t>
+   <section>
+     <name>"Emergency" Area</name>
+     <t>
+
+     IANA is requested to establish the registries within this section under the "Emergency" area. These registries contain enumerated values used f
+     <xref target='RFC8216' />, and if expert review is specified, that experts acceptable to the IESG for the registry are available. The expert(s

+
+   </t>
+
+   <section>
+     <name>"Emergency" Area</name>
+     <t>
+
+     These registries are needed in order to implement

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+
<xref target='NENAI3'>the NENA i3 Standard for Next-Generation 9-1-1</xref> as well as the
+
<xref target='EIDO'>NENA Standard for Emergency Incident Data Object</xref>. These standards, unless otherwise specified, will initially popula
+
<xref format='default' target='NRS'>the NENA Registry System</xref>, but the intent of international SDOs is to maintain next-generation emerge
+
<xref target='NRS' /> will be maintained only for backwards compatibility, and for registries required only for North America.

+
</t>
+
</section>
<section>
  <name>"emergency" URN namespace</name>
  <t>IANA is requested to register a new URN namespace for "emergency".</t>
  <section>
    <name>Namespace Identifier</name>
    <t>emergency</t>
  </section>
  <section>
    <name>Version</name>
    <t>1</t>
  </section>
  <section>
    <name>Date</name>
    <t>RFC Editor: please insert the date this RFC was published</t>
  </section>
  <section>
    <name>Registrant</name>
    <t>IETF and the ecrift Working Group. Should the working group cease to exist, discussion should be directed to the Applications and Real-Time A
  </section>
  <section>
    <name>Purpose</name>
    <t>This namespace is used for unique identifiers for use in emergency services, including emergency calls. Most uses for these identifiers wil
    <xref target='RFC6061' />. Most identifiers in urn:nena will be replaced by identifiers in urn:emergency in pursuit of a single worldwide st
    <t>

+
  This namespace is used for unique identifiers for use in emergency services, including emergency calls. Although most uses for these identifi
  <xref target='RFC6061' />. Most identifiers in top level class &lt;&lt;urn:nena&ampgt&gt; will be replaced by identifiers in &lt;&lt;urn:emerg

+
  </t>
</section>
<section>
  <name>Syntax</name>
  <t>The basic syntax for identifiers in the emergency ncid is:</t>
  <t>urn:emergency:&lt;top level class&gt;:&lt;extended&gt;</t>
+
  <t>The basic syntax for identifiers in the emergency NID is:</t>
  <t>urn:emergency:&lt;top level class&gt;:&lt;extended&gt;</t>
  <t>where</t>
  <t>&lt;top level class&gt; is a member of the urn:emergency namespace registry, see
  <t>

+
  &lt;top level class&gt; is a member of the urn:emergency namespace registry, see
  <xref target='urnEmergency' />
  </t>
  <t>&lt;extended&gt; is a class-specific value defined by the document describing the registry entry. In many cases, the extension includes sut
  <t>There are no special encoding rules for identifiers in urn:emergency. URN equivalence is non-case sensitive. Hyphens are not expected in th
+
  <t>There are no special encoding rules for identifiers in urn:emergency. URN equivalence is case insensitive. Hyphens are not expected in thes
</section>
<section>
  <name>Assignment</name>
  <t>Assignment of top level classes is by standards documents, both standards-track RFCs and standards documents in other SDOs. See
  <xref target='urnEmergency' />. Assignments within top level classes are defined in the document that defines the class. Such documents MUST
  <t>

+
  Assignment of top level classes is by standards documents, both standards-track RFCs and standards documents in other SDOs. See
  <xref target='urnEmergency' />. Assignments within top level classes are as specified in the document that defines the class. Such documents

+
  </t>
</section>
<section>
  <name>Security and Privacy</name>
  <t>Each top level class, in its defining document, MUST describe the security and privacy considerations of that class. In general, there are
  <t>The document defining a top level class MUST describe the security and privacy considerations of that class. In general, there are no speci
</section>
<section>
  <name>Interoperability</name>
  <t>Many of the identifiers in urn:emergency are similar in construction and use as identifiers originally defined in urn:nena. Backwards compa
+
  <t>Many of the identifiers in &lt;urn:emergency&gt; are similar in construction and use to identifiers originally defined in urn:nena. Backwardc
</section>
<section>
  <name>Resolution</name>
  <t>No resolution of these identifiers is defined.</t>
</section>
</section>
<section>
  <name>"Emergency" Area</name>
  <t>IANA is requested to establish the registries within this section under the "Emergency" area. These registries contain enumerated values used
  <xref target='RFC8216' />, and if expert review is specified, that experts acceptable to the IESG for the registry are available. The expert(s
  <t>

-
  <t>These registries are required to implement
  <xref target='NENAI3'>the NENA i3 Standard for Next-Generation 9-1-1</xref> as well as the
  <xref target='EIDO'>NENA Standard for Emergency Incident Data Object</xref>. These standards, unless otherwise specified, will initially popula
  <xref format='default' target='NRS'>the NENA Registry System</xref>, but the intent of international SDOs is to maintain next-generation emerge
  <xref target='NRS' /> will be maintained only for backwards compatibility, and for registries required only for North America.
  </t>
</section>
<section>
  <name>Emergency Call Additional Data Registry</name>
  <t>IANA is requested to move the Emergency Call Additional Data registry and its sub-registries to the Emergency Area.</t>

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+      <t>IANA is requested to move the Emergency Call Additional Data registry and its sub-registries to the Emergency Registry.</t>
</section>
<section anchor='urnEmergency'>
  <name>"urn:emergency" registry</name>
-  <t>IANA is requested to create a registry for the emergency nid top level classes in the Emergency Area.</t>
+  <t>IANA is requested to create a registry for the emergency NID top level classes in the Emergency Registry.</t>
<section>
  <name>Name</name>
  <t>urn:emergency</t>
</section>
<section>
  <name>Information Needed to Create a New Value</name>
  <t>Name of the top level class, a short description and a reference to a document that defines it.</t>
</section>
<section>
  <name>Registration policy</name>
-  <t>Specification Required
-    <xref target='RFC8126' />, which requires expert review. The specification MUST be from the IETF or a recognized standards organization that
+  <t>

+    Specification Required
+    <xref target='RFC8126' />, which requires expert review. The specification MUST be from the IETF or a recognized standards organization that

+
</t>
<ul>
  <li>the requested class is appropriate for emergency services</li>
+  <li>if the registering organization is not the IETF, that it is an appropriate organization to define the class</li>
+  <li>that the purpose adequately describes the new class, and</li>
+  <li>the reference leads to a document that clearly describes the use of the class.</li>
</ul>
<t>

+    Also see
    <xref target='subreg' />.
</t>
</section>
<section>
  <name>Content</name>
  <t>This registry contains:</t>
  <ul>
    <li>The ASCII "Name" of the "top level" class (a short string)</li>
    <li>The ASCII "Purpose" of the label (explanatory text)</li>
    <li>A "Reference" (URI) to the standard that defines the label</li>
  </ul>
</section>
<section anchor='subreg'>
  <name>Subregistries for top level classes of urn:emergency</name>
-  <t>In most cases, top level classes of urn:emergency will define subregistries. Several levels of subregistries may be needed. The document t
+  <t>

+    In most cases, top level classes of urn:emergency will define subregistries. Several levels of subregistries may be needed. The document t
    <xref target='RFC8126' />. The expert reviewer for the top level class works with IANA to assure that they do if the standards organization
</t>
<section>
  <name>"urn:emergency:service" Subregistry</name>
  <t>IANA is requested to create a subregistry for "urn:emergency:service" under "urn:emergency".</t>
-  <t>When calls are routed within an Emergency Services IP Network (ESInet), the routing element queries a LOST
-    <xref target='RFC5222' /> server for the (nominal) route. It does so with a service URN. External routing is accomplished with "urn:service
+  <t>

+    When calls are routed to or within an Emergency Services IP Network (ESInet), the routing element queries a LOST
    <xref target='RFC5222' /> server for the (nominal) route. It does so with a service URN. External routing is accomplished with "urn:service
    <xref target='RFC5031' />. Within an ESInet, values under this registry are used.
  </t>
-  <t>Service URNs as defined here begin with "urn:emergency:service". The sub-namespace defined by this registry MAY be further subdivided
+  <t>Service URNs as defined here begin with "urn:emergency:service". The sub-namespace defined by this registry MAY be further subdivided

<section>
  <name>Name</name>
  <t>urn:emergency:service</t>
</section>
<section>
  <name>Information Needed to Create a New Value</name>
  <t>Name of the entry, a short description and a reference to a document that defines it.</t>
</section>
<section>
  <name>Registration policy</name>
-  <t>Specification Required
-    <xref target='RFC8126' />, which requires expert review. The specification MUST be from the IETF or a recognized standards organization
+  <t>

+    Specification Required
+    <xref target='RFC8126' />, which requires expert review. The specification MUST be from the IETF or a recognized standards organization

+
</t>
<ul>
  <li>the requested class is appropriate for emergency services</li>
+  <li>if the registering organization is not the IETF, that it is an appropriate organization to define the class</li>
+  <li>that the purpose adequately describes the new class, and</li>
+  <li>the reference leads to a document that clearly describes the use of the class.</li>
</ul>
<t>

+    Also see
    <xref target='subreg' />.
</t>
</section>

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<section>
  <name>Content</name>
  <t>This registry contains:</t>
  <ul>
    <li>The ASCII "Name" of the value (a short string)</li>
    <li>The ASCII "Purpose" of the value (explanatory text)</li>
    <li>A "Reference" (URI) to the document that defines the value</li>
  </ul>
</section>
<section>
  <name>"urn:emergency:service:sos" Subregistry</name>
  <t>IANA is requested to creates a subregistry for "urn:emergency:service:sos" under "urn:emergency:service".</t>
  <t>Routing of emergency calls within the ESInet is a primary function of systems that process such calls. When routing entities must route ca
<section>
  <name>Name</name>
  <t>urn:emergency:service:sos</t>
</section>
<section>
  <name>Information Needed to Create a New Value</name>
  <t>Name of the entry, a short description and a reference to a document that defines it.</t>
</section>
<section>
  <name>Registration policy</name>
  <t>Specification Required
  -      <xref target='RFC8126' />, which requires expert review. The specification MUST be from the IETF or a recognized standards organization
  +
  Specification Required
  +      <xref target='RFC8126' />, which requires expert review. The specification MUST be from the IETF or a recognized standards organization

  +
  </t>
  <ul>
    <li>the requested class is appropriate for emergency services</li>
    <li>if the registering organization is not the IETF, that it is an appropriate organization to define the class</li>
    <li>that the purpose adequately describes the new class, and</li>
    <li>the reference leads to a document that clearly describes the use of the class.</li>
  </ul>
  <t>

  Also see
  <xref target='subreg' />.
</t>
</section>
<section>
  <name>Content</name>
  <t>This registry contains:</t>
  <ul>
    <li>The ASCII "Name" of the service value (a short string)</li>
    <li>The ASCII "Purpose" of the value (explanatory text)</li>
    <li>A "Reference" (URI) to the document that defines the value</li>
  </ul>
</section>
<section>
  <name>"urn:emergency:service:test" Registry</name>
  <t>IANA is requested to creates a subregistry for "urn:emergency:service:test" under "urn:emergency:service".</t>
  <t>Test calls are directed to &lt;urn:service:test.sos&gt;. To route such test calls where the routing infrastructure uses multiple levels of r
  +
  <t>Test calls are directed to &lt;urn:service:test.sos&gt;. To route such test calls where the routing infrastructure uses multiple levels of r
<section>
  <name>Name</name>
  <t>urn:emergency:service:test</t>
</section>
<section>
  <name>Information Needed to Create a New Value</name>
  <t>Name of the entry, a short description and a reference to a document that defines it.</t>
</section>
<section>
  <name>Registration policy</name>
  <t>Specification Required
  +
  Specification Required
  <xref target='RFC8126' />, which requires expert review. Normally, entries in urn:emergency:service:test mirror those in urn:emergency:s
  </t>
</section>
<section>
  <name>Content</name>
  <t>The content of this registry should mirror the content of urn:service:test:sos except with the "test" label as described above.</t>
</section>
<section>
  <name>"urn:emergency:service:responder" Registry</name>
  <t>IANA is requested to create the "urn:emergency:service:responder" subregistry under "urn:emergency:service"</t>
  <t>Once a PSAP gets a call, they may have to transfer the call to a secondary PSAP. The secondary PSAP is chosen based on the type of respond
  <t>The &lt;urn:emergency:service:responder&gt; registry contains label values appropriate for the types of responders within the ESInet. The se
  <t>Some of the entries in this registry will require further subdivision. Subregistries for such divisions are REQUIRED.</t>
<section>
  <name>Name</name>
  <t>urn:emergency:service:responder</t>
</section>
<section>
  <name>Information Needed to Create a New Value</name>
  <t>Name of the entry, a short description and a reference to a document that defines it.</t>
</section>
<section>
  <name>Registration policy</name>

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-          <t>Specification Required
-          <xref target='RFC8126' />, which requires expert review. The expert should confirm that entry represents a kind of responder, considered
+
<+          <t>Specification Required
<+          <xref target='RFC8126' />, which requires expert review. The expert should confirm that each entry represents a kind of responder, consi
+
<+          </t>
</section>
<section>
<name>Content</name>
<t>This registry contains:</t>
<ul>
<li>The ASCII "Name" of the responder (a short string)</li>
<li>The ASCII "Purpose" of the responder (explanatory text)</li>
<li>A "Reference" (URI) to a document that defines the label</li>
</ul>
</section>
<section>
<name>"urn:emergency:service:responder.police" Subregistry</name>
<t>There are many different kinds of law enforcement agencies that have distinct differences in jurisdiction and formation (for example, pol
<section>
<name>Name</name>
<t>urn:emergency:service:responder.police</t>
</section>
<section>
<name>Information Needed to Create a New Value</name>
<t>Name of the entry, a short description and a reference to a document that defines it.</t>
</section>
<section>
<name>Registration policy</name>
<t>Specification Required
-          <xref target='RFC8126' />, which requires expert review. The expert should confirm that entry represents a kind of police department, cc
+
<t>
+
<+          Specification Required
<+          <xref target='RFC8126' />, which requires expert review. The expert should confirm that each entry represents a kind of police departmer
+
</t>
</section>
<section>
<name>Content</name>
<t>This registry contains:</t>
<ul>
<li>The UTF-8 "Name" of the agency type</li>
<li>The ASCII "Description" of the agency type</li>
<li>A "Reference" with a URI either to the document that defines the entry.</li>
</ul>
<t>Note that the Name is defined as UTF-8, to permit names that have no English equivalent</t>
</section>
<section>
<name>"police.federal" Subregistry</name>
-          <t>There are several federal police agencies. This registry is a subregistry of urn:emergency:service:responder.police and lists each
+
<t>There are several federal police agencies. This registry is a subregistry of urn:emergency:service:responder.police and lists each
<section>
<name>Name</name>
<t>urn:emergency:service:responder.police.federal</t>
</section>
<section>
<name>Information Needed to Create a New Value</name>
-          <t>Short and long forms of the entry and a reference to a document that defines it or a person that requested the entry.</t>
+
<t>Short and long forms of the entry and a reference to a document that defines it or a person that requested the entry. The short form of
</section>
<section>
<name>Registration policy</name>
-          <t>Expert Review. No standards document required. The expert should confirm that entry represents a kind of federal police department, cor
+
<t>Expert Review. No standards document required. The expert should confirm that each entry represents a kind of federal police department
</section>
<section>
<name>Content</name>
<t>This registry contains:</t>
<ul>
<li>The UTF-8 short "Name" of the agency, usually an abbreviation (e.g., "FBI")</li>
<li>The UTF-8 "Full Name" of the agency (e.g., "Federal Bureau of Investigation")</li>
<li>A "Reference" with a URI either to the document requested the registry entry or contact contact information for the individual who cc
</ul>
<t>Note that the Name is defined as UTF-8, and locally significant names are expressly permitted.</t>
</section>
<section>
<name>"urn:emergency:service:responder.fire" Subregistry</name>
-          <t>This registry has similar purposes as the "responder.police" subregistry, except for types of fire response agencies (for example, "forest
+
<t>This registry has a similar purposes as the "responder.police" subregistry, except for differentiating among types of fire response agenci
<section>
<name>Name</name>
<t>urn:emergency:service:responder.fire</t>
</section>
<section>
<name>Information Needed to Create a New Value</name>
<t>Name of the entry, a short description and a reference to a document that specifies the entry.</t>
</section>
<section>
<name>Registration policy</name>
-          <t>Specification Required

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-           <xref target='RFC8126' />, which requires expert review. The expert should confirm that entry represents a kind of fire department, cons
+
<t>

+           Specification Required
+           <xref target='RFC8126' />, which requires expert review. The expert should confirm that each entry represents a kind of fire department,
+
</t>
</section>
<section>
<name>Content</name>
<t>This registry contains:</t>
<ul>
<li>The UTF-8 "Name" of the agency type</li>
<li>The ASCII "Description" of the agency type</li>
<li>A "Reference" with a URI to the document that specifies the entry.</li>
</ul>
<t>Note that the Name is defined as UTF-8, to permit names that have no English equivalent</t>
</section>
</section>
<name>"urn:emergency:service:responder.ems" Subregistry</name>
-
<t>This registry has similar purposes as the "responder.police" subregistry, except for types of Emergency Medical Service response agencies
+
<t>This registry has a similar purpose as the "responder.police" subregistry, except for types of Emergency Medical Service response agencies
<section>
<name>Name</name>
<t>urn:emergency:service:responder.ems</t>
</section>
<section>
<name>Information Needed to Create a New Value</name>
<t>Name of the entry, a short description and a reference to a document that specifies the entry.</t>
</section>
<section>
<name>Registration policy</name>
<t>Specification Required
-
<xref target='RFC8126' />, which requires expert review. The expert should confirm that entry represents a kind of emergency medical ser
+
<t>

+           Specification Required
+           <xref target='RFC8126' />, which requires expert review. The expert should confirm that each entry represents a kind of emergency medica
+
</t>
</section>
<section>
<name>Content</name>
<t>This registry contains:</t>
<ul>
<li>The UTF-8 "Name" of the agency type</li>
<li>The ASCII "Description" of the agency type</li>
<li>A "Reference" with a URI to the document that specifies the entry.</li>
</ul>
<t>Note that the Name is defined as UTF-8, to permit names that have no English equivalent</t>
</section>
</section>
<name>"urn:emergency:service:serviceAgencyLocator" Subregistry</name>
<t>

-           The ESInet will connect to many services and public safety agencies. A directory (â€œwhite pagesâ€ and â€œyellow pagesâ€) c
-
<xref target='RFC5222' /> is used, which accepts a URN that specifies the service being searched by location. This registry provides urns
+
Agencies connected to an ESInet need to connect to various services and public safety agencies. A service called the Service/Agency Locator
<xref target='RFC5222' /> is used, which accepts a URN that specifies the service being searched by location. This registry provides URNs t

</t>
<section>
<name>Name</name>
<t>urn:emergency:service:serviceAgencyLocator</t>
</section>
<section>
<name>Information Needed to Create a New Value</name>
<t>Short and long versions of the service and a reference to a document that specifies it.</t>
</section>
<section>
<name>Registration policy</name>
<t>Specification Required
-
<xref target='RFC8126' />, which requires expert review. The expert should confirm that entry represents a kind of service the Service/A
+
<t>

+           Specification Required
+           <xref target='RFC8126' />, which requires expert review. The expert should confirm that each entry represents a kind of service the Servi
+
</t>
</section>
<section>
<name>Content</name>
<t>

+           This subregistry contains:
+
</t>
<ul>
<li>The "Service Identifier" of the service (e.g. "ESRP")</li>
<li>The long "Service" name of the service (e.g., "Emergency Services Routing Proxy")</li>
<li>A "Reference" with a URI to the document that requested the service.</li>

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```

        </ul>
    </section>
</section>
<name>"urn:emergency:uid" Registry</name>
- <t>Various entities need to create globally unique identifiers. A simple way to do that is to combine a locally unique identifier and a domain name</t>
+ <t>Various entities need to create globally unique identifiers. A simple way to do that is to combine a locally unique identifier and a domain name</t>
<t>This document does not describe the structure of the identifier beyond the urn:emergency:uid prefix and the value in this registry. The content of the identifier is defined by the specification for the identifier type.</t>
<section>
    <name>Name</name>
    <t>urn:emergency:uid</t>
</section>
<section>
    <name>Information Needed to Create a New Value</name>
- <t>Name of the entry, a short description and a reference to a document that specifies the entry.</t>
+ <t>Name of the entry, a short description and a reference to the document that specifies the entry.</t>
</section>
<section>
    <name>Registration policy</name>
- <t>Specification Required
- <xref target='RFC8126' />, which requires expert review. The expert should confirm that entry represents a new type of identifier, and specify how it is registered.
+ <t>

        Specification Required
        <xref target='RFC8126' />, which requires expert review. The expert should confirm that each entry represents a new type of identifier, and specify how it is registered.
+
    </t>
</section>
<section>
    <name>Content</name>
    <t>This registry contains:</t>
    <ul>
        <li>The UTF-8 "Name" of the identifier prefix</li>
        <li>The UTF-8 "Purpose" of the identifier prefix</li>
        <li>A "Reference" with a URI to the document that requested the registry entry.</li>
    </ul>
- </section><!-- Content -->
- </section><!-- urn:emergency:uid -->
+ </section>
+ <!-- Content -->
+ </section>
+ <!-- urn:emergency:uid -->
<section>
    <name>"urn:emergency:media-feature" Registry</name>
- <t>SIP Media Feature tags as defined in
+ <t>

        SIP Media Feature tags as defined in
        <xref target='RFC3840' /> are used to indicate user agent capabilities. SIP elements inside ESInets use this mechanism to indicate available media features.
+
    </t>
<section>
    <name>Name</name>
    <t>urn:emergency:media-feature</t>
</section>
<section>
    <name>Information Needed to Create a New Value</name>
- <t>A short tag, purpose description and a reference to a document that specifies the entry.</t>
+ <t>A short tag, purpose description and a reference to the document that specifies the entry.</t>
</section>
<section>
    <name>Registration policy</name>
- <t>Specification Required
- <xref target='RFC8126' />, which requires expert review. The expert should confirm that entry represents a new type of SIP media feature.
+ <t>

        Specification Required
        <xref target='RFC8126' />, which requires expert review. The expert should confirm that each entry represents a new type of SIP media feature.
+
    </t>
</section>
<section>
    <name>Content</name>
    <t>This registry contains:</t>
    <ul>
        <li>A short ASCII "Tag" </li>
        <li>A long ASCII "Purpose" </li>
        <li>A "Reference" with a URI to the document that requested the registry entry.</li>
    </ul>
</section>
- </section><!-- media feature tags -->
- </section><!-- subregistries of urn:emergency -->
- </section><!-- urn:emergency -->
+ </section>
+ <!-- media feature tags -->
+ </section>
+ <!-- subregistries of urn:emergency -->
+ </section>
+ <!-- urn:emergency -->
<section>
    <name>Internal Services Registries</name>
    <t>The following are additional registries used internally in an ESI net:</t>
    <section>
        <name>"serviceNames" Registry</name>
- <t>Processing of emergency calls uses a variety of services which are queried either using SIP or HTTP. These services are discoverable through

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```
+      <t>
+
+      A variety of services are used during the processing of emergency calls. These services are deployed within an ESInet and are discoverable us
+
+      the Emergency Registry.
+
+      </t>
<section>
  <name>Name</name>
  <t>serviceNames</t>
</section>
<section>
  <name>Information Needed to Create a New Value</name>
-  <t>Short and long names of the service and a reference to a document that specifies the service.</t>
+  <t>Short and long names of the service and a reference to the document that specifies the service.</t>
</section>
<section>
  <name>Registration policy</name>
-  <t>Specification Required
-  <xref target='RFC8126' />, which requires expert review. The expert should confirm that entry represents a new type of service.
+  <t>
+
+      Specification Required
+      <xref target='RFC8126' />, which requires expert review. The expert should confirm that each entry represents a new type of service.
+
+      </t>
</section>
<section>
  <name>Content</name>
  <t>This registry contains:</t>
  <ul>
    <li>An ASCII short "Service Name" of the service (e.g., "ADR")</li>
    <li>An ASCII long "Service" name of the service (e.g., "Additional Data Repository")</li>
    <li>A "Reference", a URI to the document that defines the service.</li>
  </ul>
</section>
</section>
<section>
  <name>"serviceState" Registry</name>
  <t>All services have a common notion of "state" which comes from this registry. </t>
<section>
  <name>Name</name>
  <t>serviceNames</t>
</section>
<section>
  <name>Information Needed to Create a New Value</name>
-  <t>Name and description of the state and a reference to a document that specifies it.</t>
+  <t>Name and description of the state and a reference to the document that specifies it.</t>
</section>
<section>
  <name>Registration policy</name>
-  <t>Specification Required
-  <xref target='RFC8126' />, which requires expert review. The expert should confirm that entry represents a new type of identifier, and spe
+  <t>
+
+      Specification Required
+      <xref target='RFC8126' />, which requires expert review. The expert should confirm that each entry represents a new type of identifier, ar
+
+      </t>
</section>
<section>
  <name>Content</name>
  <t>This registry contains:</t>
  <ul>
    <li>The short "Name" of the service state (e.g., "Normal" or "ScheduledMaintenanceDown")</li>
    <li>The long "Description" of the service state (e.g., "The service is operating normally. Calls can be sent to this destination normally.")</li>
    <li>A "Reference" with a URI to the document that defines the state.</li>
  </ul>
</section>
</section>
<section>
  <name>"elementState" Registry</name>
  <t>Services are instantiated in physical servers or other equipment, each of which is called an "element". Typically, multiple elements are co
<section>
  <name>Name</name>
  <t>elementState</t>
</section>
<section>
  <name>Information Needed to Create a New Value</name>
-  <t>Name and description of the state and a reference to a document that specifies it.</t>
+  <t>Name and description of the state and a reference to the document that specifies it.</t>
</section>
<section>
  <name>Registration policy</name>
-  <t>Specification Required
-  <xref target='RFC8126' />, which requires expert review. The expert should confirm that entry represents a new state and the specification
+  <t>
+
+      Specification Required
+      <xref target='RFC8126' />, which requires expert review. The expert should confirm that each entry represents a new state and the specific
+
+      </t>
</section>
<section>
  <name>Content</name>
```

```

<t>This registry contains:</t>
<ul>
  <li>The short "Name" of the element state (e.g., "Normal" or "ScheduledMaintenanceDown")</li>
  <li>The long "Description" of the element state (e.g., "The service is operating normally. Calls can be sent to this element normally.")</li>
  <li>A "Reference" with a URI to the document that defines the state.</li>
</ul>
</section>
</section>
<section>
  <name>"SIPHeaderIsOperatorConditions" Registry</name>
-  <t>Some emergency standards use a policy based routing mechanism where a policy rule has a series of testable conditions. One such condition is
+ 
+   <t>
+     Some emergency standards use a policy based routing mechanism where a policy rule has a series of testable conditions. One such condition is
      </t>
    <ul>
      <li>"EQ" for an equality match</li>
      <li>"SS" for a substring match</li>
      <li>"IS" for a registry-defined match</li>
    </ul>
    <t>The latter condition includes a value from this registry and tests the header with the criteria defined for the value.</t>
<section>
  <name>Name</name>
  <t>SIPHeaderIsOperatorConditions</t>
</section>
<section>
  <name>Information Needed to Create a New Value</name>
-  <t>Name and description of the test and a reference to a document that specifies it.</t>
+  <t>Name and description of the test and a reference to the document that specifies it.</t>
</section>
<section>
  <name>Registration policy</name>
-  <t>Specification Required
-  <xref target='RFC8126' />, which requires expert review. The expert should confirm that entry represents a new test and the specification
+ 
+   Specification Required
+   <xref target='RFC8126' />, which requires expert review. The expert should confirm that each entry represents a new test and the specifica
+
  </t>
</section>
<section>
  <name>Content</name>
  <t>This registry contains:</t>
  <ul>
    <li>A short UTF-8 "Name" </li>
    <li>The long UTF-8 "Description" </li>
    <li>A "Reference" with a URI to the document that requested the registry entry.</li>
  </ul>
</section>
</section>
<section>
  <name>"queueState" Registry</name>
  <t>In some emergency services standards emergency calls are delivered to queues. The state of a queue is standardized, and this registry defin
<section>
  <name>Name</name>
  <t>queueState</t>
</section>
<section>
  <name>Information Needed to Create a New Value</name>
-  <t>Short name and description of the state and a reference to a document that specifies it.</t>
+  <t>Short name and description of the state and a reference to the document that specifies it.</t>
</section>
<section>
  <name>Registration policy</name>
-  <t>Specification Required
-  <xref target='RFC8126' />, which requires expert review. The expert should confirm that entry represents a new state and the specification
+ 
+   Specification Required
+   <xref target='RFC8126' />, which requires expert review. The expert should confirm that each entry represents a new state and the specific
+
  </t>
</section>
<section>
  <name>Content</name>
  <t>This registry contains:</t>
  <ul>
    <li>A short ASCII "Name" </li>
    <li>The long ASCII "Description" </li>
    <li>A "Reference" with a URI to the document that requested the registry entry.</li>
  </ul>
</section>
</section>
<section>
  <name>"securityPosture" Registry</name>
  <t>Emergency Services agencies may be attacked in an effort to disrupt their services. Some emergency services standards allow for various ele
<section>
  <name>Name</name>
  <t>securityPosture</t>
</section>
<section>
  <name>Information Needed to Create a New Value</name>
-  <t>Name and purpose of the state and a reference to a document that specifies it.</t>

```

```
+      <t>Name and purpose of the state and a reference to the document that specifies it.</t>
+    </section>
<section>
  <name>Registration policy</name>
-  <t>Specification Required
-  <xref target='RFC8126' />, which requires expert review. The expert should confirm that entry represents a new security posture, the value
+  <t>

    Specification Required
+  <xref target='RFC8126' />, which requires expert review. The expert should confirm that each entry represents a new security posture, the

+
  </t>
</section>
<section>
  <name>Content</name>
  <t>This registry contains:</t>
  <ul>
    <li>A short ASCII "Value" </li>
    <li>The long ASCII "Purpose" </li>
    <li>A "Reference" with a URI to the document that requested the registry entry.</li>
  </ul>
</section>
<section>
  <name>"ESRP Notify Event Code" Registry</name>
  <t>An Emergency Services Routing Proxy routes emergency calls using a policy based routing mechanism. The policy mechanism includes a function
<section>
  <name>Name</name>
  <t>ESRP Notify Event Code</t>
</section>
<section>
  <name>Information Needed to Create a New Value</name>
-  <t>Name and description of the code and a reference to a document that specifies it.</t>
+  <t>Name and description of the code and a reference to the document that specifies it.</t>
</section>
<section>
  <name>Registration policy</name>
-  <t>Specification Required
-  <xref target='RFC8126' />, which requires expert review. The expert should confirm that entry represents a new code and the specification
+  <t>

    Specification Required
+  <xref target='RFC8126' />, which requires expert review. The expert should confirm that each entry represents a new code and the specifica

+
  </t>
</section>
<section>
  <name>Content</name>
  <t>This registry contains:</t>
  <ul>
    <li>A short ASCII "Name" </li>
    <li>The long ASCII "Description" </li>
    <li>A "Reference" with a URI to the document that requested the registry entry.</li>
  </ul>
</section>
<section>
  <name>"Route Cause" Registry</name>
  <t>The Emergency Services Routing Proxy routes calls using its Policy Routing Function. The result of evaluating a rule set is a Route action t
<section>
  <name>Name</name>
  <t>Route Cause</t>
</section>
<section>
  <name>Information Needed to Create a New Value</name>
-  <t>Short value, integer code, description of the cause and a reference to a document that specifies it.</t>
+  <t>Short value, integer code, description of the cause and a reference to the document that specifies it.</t>
</section>
<section>
  <name>Registration policy</name>
-  <t>Specification Required
-  <xref target='RFC8126' />, which requires expert review. The expert should confirm that entry represents a new cause, the code is unique a
+  <t>

    Specification Required
+  <xref target='RFC8126' />, which requires expert review. The expert should confirm that each entry represents a new cause, the code is uni

+
  </t>
</section>
<section>
  <name>Content</name>
  <t>This registry contains:</t>
  <ul>
    <li>The ASCII "Value" (a short string)</li>
    <li>The "Code" value (a 3-digit integer)</li>
    <li>The ASCII "Text" description (explanatory text, a string)</li>
-    <li>A "Reference" (URI) to a document that requests the entry</li>
+    <li>A "Reference" (URI) to the document that requests the entry</li>
  </ul>
</section>
</section>
<section>
  <name>"LogEvent" Registry</name>
  <t>
```

```
-      In emergency services, logging is used extensively. Some emergency services standards define the interface to the logging service
+      In emergency services, logging is used extensively. Some emergency services standards define the interface to the logging service and the for
+
+      </t>
<section>
<name>Name</name>
<t>logEvent</t>
</section>
<section>
<name>Information Needed to Create a New Value</name>
-      <t>Name and purpose of the log event and a reference to a document that specifies it.</t>
+      <t>Name and purpose of the log event and a reference to the document that specifies it.</t>
</section>
<section>
<name>Registration policy</name>
-      <t>Specification Required
-          <xref target='RFC8126' />, which requires expert review. The expert should confirm that entry represents a new log event and the specifica
+      <t>

          Specification Required
+          <xref target='RFC8126' />, which requires expert review. The expert should confirm that each entry represents a new log event and the speci

+
</t>
</section>
<section>
<name>Content</name>
<t>This registry contains:</t>
<ul>
<li>The ASCII "Name" (a short string)</li>
<li>The ASCII "Purpose" (explanatory text, a string)</li>
-      <li>A "Reference" (URI) to a document that requests the entry</li>
+      <li>A "Reference" (URI) to the document that requests the entry</li>
</ul>
</section>
</section>
<section>
<name>"LogEvent Protocol" Registry</name>
<t>In the CallSignalingMessage log event, the protocol of the message must be logged. This registry provides a registry for the protocol used f
<section>
<name>Name</name>
<t>LogEvent Protocol</t>
</section>
<section>
<name>Information Needed to Create a New Value</name>
-      <t>Name a reference to a document that specifies the protocol.</t>
+      <t>Name a reference to the document that specifies the protocol.</t>
</section>
<section>
<name>Registration policy</name>
-      <t>Specification Required
-          <xref target='RFC8126' />, which requires expert review. The expert should confirm that entry represents a new protocol and the specificat
+      <t>

          Specification Required
+          <xref target='RFC8126' />, which requires expert review. The expert should confirm that each entry represents a new protocol and the speci

+
</t>
</section>
<section>
<name>Content</name>
<t>This registry contains:</t>
<ul>
<li>The ASCII "Name" of the protocol used (a short string)</li>
-      <li>A "Reference" to a document that requests the entry, such as an RFC</li>
+      <li>A "Reference" to the document that requests the entry, such as an RFC</li>
</ul>
</section>
</section>
<section>
<name>"LogEvent CallTypes" Registry</name>
<t>The type of Call is logedg with the StartCall and EndCall LogEvents. The StartCall log event includes a "callType" parameter. These call typ
<section>
<name>Name</name>
<t>LogEvent CallType</t>
</section>
<section>
<name>Information Needed to Create a New Value</name>
-      <t>Name and description of the call type and a reference to a document that specifies it and the classification (primary or secondary) of the
+      <t>Name and description of the call type and a reference to the document that specifies it and the classification (primary or secondary) of t
</section>
<section>
<name>Registration policy</name>
-      <t>Specification Required
-          <xref target='RFC8126' />, which requires expert review. The expert should confirm that entry represents a new call type, the specificatio
+      <t>

          Specification Required
+          <xref target='RFC8126' />, which requires expert review. The expert should confirm that each entry represents a new call type, the specifici

+
</t>
</section>
<section>
<name>Content</name>
<t>This registry contains:</t>
<ul>
```

```

<li>The ASCII "Name" (e.g., "emergency") (a short string)</li>
<li>The ASCII "Description" (e.g., "Call is deemed urgent call and treated as such") (explanatory text, a string)</li>
<li>The ASCII "Classification" (e.g., "Primary") (a string)</li>
- <li>A "Reference" (URI) to a document that requests the entry</li>
+ <li>A "Reference" (URI) to the document that requests the entry</li>
</ul>
</section>
</section>
<section>
<name>"Call States" Registry</name>
<t>The state of an emergency call is logged when it changes (e.g., "callBegin" or "callAnswered"). Each change in state is associated with a log
<section>
<name>Name</name>
<t>Call States</t>
</section>
<section>
<name>Information Needed to Create a New Value</name>
- <t>Name and purpose of the state and a reference to a document that specifies it.</t>
+ <t>Name and purpose of the state and a reference to the document that specifies it.</t>
</section>
<section>
<name>Registration policy</name>
- <t>Specification Required
- <xref target='RFC8126' />, which requires expert review. The expert should confirm that entry represents a new state and the specification
+ <t>

    Specification Required
    <xref target='RFC8126' />, which requires expert review. The expert should confirm that each entry represents a new state and the specific

+
</t>
</section>
<section>
<name>Content</name>
<t>This registry contains:</t>
<ul>
<li>The ASCII "Name" (a short string)</li>
<li>The ASCII "Purpose" (explanatory text, a string)</li>
- <li>A "Reference" (URI) to a document that requests the entry</li>
+ <li>A "Reference" (URI) to the document that requests the entry</li>
</ul>
</section>
</section>
<section>
<name>"LogEvent Announcement Types" Registry</name>
<t>In some circumstances where a call taker is not available immediately, an automated system may play a (potentially multimedia) announcement
<section>
<name>Name</name>
<t>LogEvent Announcement Type</t>
</section>
<section>
<name>Information Needed to Create a New Value</name>
- <t>Name and purpose of the announcement type and a reference to a document that specifies it.</t>
+ <t>Name and purpose of the announcement type and a reference to the document that specifies it.</t>
</section>
<section>
<name>Registration policy</name>
- <t>Specification Required
- <xref target='RFC8126' />, which requires expert review. The expert should confirm that entry represents a new announcement type and the s
+ <t>

    Specification Required
    <xref target='RFC8126' />, which requires expert review. The expert should confirm that each entry represents a new announcement type and

+
</t>
</section>
<section>
<name>Content</name>
<t>This registry contains:</t>
<ul>
<li>The ASCII "Name" (a short string)</li>
<li>The ASCII "Purpose" (explanatory text, a string)</li>
- <li>A "Reference" (URI) to a document that requests the entry</li>
+ <li>A "Reference" (URI) to the document that requests the entry</li>
</ul>
</section>
</section>
<section>
<name>"non-RTP Media Types" Registry</name>
- <t>Most media in an emergency calls uses Real Time Transport Protocol (RTP),
+ <t>

    Most media in an emergency calls uses Real Time Transport Protocol (RTP),
    <xref target='RFC3550' />. LogEvents for RTP transported media record what kind of media was used in the call. To record what kind of media
</t>
<section>
<name>Name</name>
<t>non-RTP Media Types</t>
</section>
<section>
<name>Information Needed to Create a New Value</name>
<t>Name and description of the media</t>
</section>
<section>
<name>Registration policy</name>
- <t>Specification Required
- <xref target='RFC8126' />, which requires expert review. The expert should confirm that entry represents a new type of media not carried i

```

```
+          <t>
+
+          Specification Required
+          <xref target='RFC8126' />, which requires expert review. The expert should confirm that each entry represents a new type of media not carr
+
+          </t>
</section>
<section>
<name>Content</name>
<t>This registry contains:</t>
<ul>
<li>The ASCII "Name" (a short string)</li>
<li>The ASCII "Description" (explanatory text, a string)</li>
</ul>
</section>
</section>
<section>
<name>"Agency Roles" Registry</name>
<t>In handling emergency calls Agencies are classified by a specified Agency Role (e.g., "Dispatch"). The role of the agency should not be confu
<section>
<name>Name</name>
<t>Agency Roles</t>
</section>
<section>
<name>Information Needed to Create a New Value</name>
<t>Name and description of the role</t>
</section>
<section>
<name>Registration policy</name>
-          <t>Specification Required
-          <xref target='RFC8126' />, which requires expert review. The expert should confirm that entry represents a new type of role.
+
+          <t>
+
+          Specification Required
+          <xref target='RFC8126' />, which requires expert review. The expert should confirm that each entry represents a new type of role.
+
+          </t>
</section>
<section>
<name>Content</name>
<t>This registry contains:</t>
<ul>
<li>The ASCII "Role" (a short string)</li>
<li>The ASCII "Description" (explanatory text, a string)</li>
<li>A "Reference" (URI) with either contact information for the entity that or a URI to the document that requests the entry.</li>
</ul>
</section>
</section>
<section>
<name>"Agent Roles" Registry</name>
<t>
+
+          Agents are people or automata that are associated with an agency. Agents have roles (e.g., "Dispatching", "Calltaking"). Agency
+          Agents are people or automata that are associated with an agency. Agents have roles (e.g., "Dispatching", "Calltaking"). Agency types are er
+
+          </t>
</section>
<section>
<name>Name</name>
<t>Agent Roles</t>
</section>
<section>
<name>Information Needed to Create a New Value</name>
<t>Name and description of the role</t>
</section>
<section>
<name>Registration policy</name>
-          <t>Specification Required
-          <xref target='RFC8126' />, which requires expert review. The expert should confirm that entry represents a new type of role.
+
+          <t>
+
+          Specification Required
+          <xref target='RFC8126' />, which requires expert review. The expert should confirm that each entry represents a new type of role.
+
+          </t>
</section>
<section>
<name>Content</name>
<t>This registry contains:</t>
<ul>
<li>The ASCII "Role" (a short string)</li>
<li>The ASCII "Description" (explanatory text, a string)</li>
<li>A "Reference" (URI) with either contact information for the entity that or a URI to the document that requests the entry.</li>
</ul>
</section>
</section>
<section>
<name>"Status Codes" Registry</name>
<t>Interfaces in the standards used by this registry use standard status codes where appropriate. However there are many circumstances where a
<section>
<name>Name</name>
<t>Status Codes</t>
</section>
<section>
<name>Information Needed to Create a New Value</name>
<t>Status code and text used in the response</t>
```

```

</section>
<section>
  <name>Registration policy</name>
  -<t>Specification Required
  -<xref target='RFC8126' />, which requires expert review. The expert should confirm that entry represents a new status code, the numeric va
  +<t>

    Specification Required
    <xref target='RFC8126' />, which requires expert review. The expert should confirm that each entry represents a new status code, the numer

  +
  </t>
</section>
<section>
  <name>Content</name>
  <t>This registry contains:</t>
  <ul>
    <li>The "Status Code" (a 3 digit integer)</li>
    <li>The ASCII "Description" (explanatory text, a string)</li>
    <li>A "Reference" (URI) to the document that requests the entry.</li>
  </ul>
</section>
<section>
  <name>"Interface Names" Registry</name>
  <t>Emergency standards define interfaces that are used by other services and elements within an ESInet. Policy based access control mechanisms
<section>
  <name>Name</name>
  <t>Interface Names</t>
</section>
<section>
  <name>Information Needed to Create a New Value</name>
  <t>Name of the interface</t>
</section>
<section>
  <name>Registration policy</name>
  -<t>Specification Required
  -<xref target='RFC8126' />, which requires expert review. The expert should confirm that entry represents a new interface.
  +<t>

    Specification Required
    <xref target='RFC8126' />, which requires expert review. The expert should confirm that each entry represents a new interface.

  +
  </t>
</section>
<section>
  <name>Content</name>
  <t>This registry contains:</t>
  <ul>
    <li>The ASCII "Name" (a short string)</li>
    -<li>A "Reference" (URI) to a document that requests the entry</li>
    +<li>A "Reference" (URI) to the document that requests the entry</li>
  </ul>
</section>
<section>
  <name>"Match Type" Registry</name>
  -<t>When using the LoST protocol
  +<t>

    When using the LoST protocol
    <xref target='RFC5222' /> to validate a location prior to using it in an emergency call, a match against a civic address record in the LoST s
  </t>
<section>
  <name>Name</name>
  <t>Match Type</t>
</section>
<section>
  <name>Information Needed to Create a New Value</name>
  <t>Name of the interface</t>
</section>
<section>
  <name>Registration policy</name>
  -<t>Specification Required
  -<xref target='RFC8126' />, which requires expert review. The expert should confirm that entry represents a new interface.
  +<t>

    Specification Required
    <xref target='RFC8126' />, which requires expert review. The expert should confirm that each entry represents a new interface.

  +
  </t>
</section>
<section>
  <name>Content</name>
  <t>This registry contains:</t>
  <ul>
    <li>The UTF-8 "Token" (a short string) (e.g., "Road Centerline" or "Hybrid").</li>
    <li>The ASCII "Description" (explanatory text, a string)</li>
    -<li>A "Reference" (URI) to a document that requests the entry</li>
    +<li>A "Reference" (URI) to the document that requests the entry</li>
  </ul>
</section>
<section>
  <name>"GIS Layers" Registry</name>
  -<t>A Geospatial Information System (GIS) contains features (points, lines, polygons, etc.) each with a set of attributes, organized in "layers"

```

```

+      <t>
+
+        A Geospatial Information System (GIS) contains features (points, lines, polygons, etc.) each with a set of attributes, organized in "layers"
+
+          </t>
<section>
  <name>Name</name>
  <t>GIS Layers</t>
</section>
<section>
  <name>Information Needed to Create a New Value</name>
  <t>Full name of the layer and a short version of the name</t>
</section>
<section>
  <name>Registration policy</name>
-  <t>Specification Required
-  <xref target='RFC8126' />, which requires expert review. The expert should confirm that entry represents a new GIS layer.
+
+    <t>
+
+      Specification Required
+      <xref target='RFC8126' />, which requires expert review. The expert should confirm that each entry represents a new GIS layer.
+
+    </t>
</section>
<section>
  <name>Content</name>
  <t>This registry contains:</t>
  <ul>
    <li>The UTF-8 Full "Name" </li>
    <li>The UTF-8 "Layer Indicator"</li>
-   <li>A "Reference" (URI) to a document that requests the entry</li>
+   <li>A "Reference" (URI) to the document that requests the entry</li>
  </ul>
</section>
<section>
  <name>"Policy Type" Registry</name>
  <t>Policy is widely used in emergency services standards to allow agencies to control the use of their information, control how routing is accc
<section>
  <name>Name</name>
  <t>Policy Type</t>
</section>
<section>
  <name>Information Needed to Create a New Value</name>
  <t>Type, format and use of the policy</t>
</section>
<section>
  <name>Registration policy</name>
-  <t>Specification Required
-  <xref target='RFC8126' />, which requires expert review. The expert should confirm that entry represents a new interface.
+
+    <t>
+
+      Specification Required
+      <xref target='RFC8126' />, which requires expert review. The expert should confirm that each entry represents a new interface.
+
+    </t>
</section>
<section>
  <name>Content</name>
  <t>This registry contains:</t>
  <ul>
    <li>The UTF-8 "Type" of the policy (a short string) (e.g., "LoST")</li>
    <li>The UTF-8 "Format" of the policy (e.g., "XACML")</li>
    <li>The UTF-8 "Use" of the policy (e.g., "Access rights for Spatial Interface")</li>
-   <li>A "Reference" (URI) to a document that requests the entry</li>
+   <li>A "Reference" (URI) to the document that requests the entry</li>
  </ul>
</section>
<section>
  <name>"Discrepancy Report Status Token" Registry</name>
  <t>Errors and discrepancies may occur in any set of data, including databases, configurations, etc. Standardized Discrepancy Report (DR) functi
  <t>The registry contains the name of the element in the DR object that uses the token, and the DR type that uses that element. More than one e
<section>
  <name>Name</name>
  <t>Discrepancy Report Status Token</t>
</section>
<section>
  <name>Information Needed to Create a New Value</name>
  <t>Token, Member Name where token is used, Discrepancy Report where token is used.</t>
</section>
<section>
  <name>Registration policy</name>
-  <t>Specification Required
-  <xref target='RFC8126' />, which requires expert review. The expert should confirm that entry represents a new interface.
+
+    <t>
+
+      Specification Required
+      <xref target='RFC8126' />, which requires expert review. The expert should confirm that each entry represents a new interface.
+
+    </t>
</section>
<section>
  <name>Content</name>

```

```

<t>This registry contains:</t>
<ul>
    <li>The ASCII "Token" of the DR (a short string) (e.g., "LocationReferenceNotResolved")</li>
    <li>The ASCII "Member" of the type of DR (e.g., "Problem" or "Query"). More than one is allowed</li>
    <li>The ASCII "Discrepancy Reports" of included discrepancy report(s) included (e.g., "LoSTDIscrepancyResponse", "BCFDIscrepancyReport"). More than one is allowed</li>
</ul>
</section>
</section>
<section>
    <name>"Event Package" Registry</name>
-   <t>SIP Event Package registration procedures are defined in
+   <t>

+   SIP Event Package registration procedures are defined in
    <xref target='RFC5727' /> and are applicable for any SIP events used on the Internet. For use within an ESInet only, emergency standards def
</t>
<section>
    <name>Name</name>
    <t>Event Package</t>
</section>
<section>
    <name>Information Needed to Create a New Value</name>
    <t>Name of the Event Package</t>
</section>
<section>
    <name>Registration policy</name>
-   <t>Specification Required
+   <t>

+   Specification Required
    <xref target='RFC8126' />, which requires expert review. The expert should confirm that the event package is documented roughly similar to
    <xref target='RFC5727' />.
</t>
</section>
<section>
    <name>Content</name>
    <t>This registry contains:</t>
    <ul>
        <li>The ASCII "Name" (a short string)</li>
        <li>A "Reference" (URI) to a document that requests the entry</li>
+       <li>A "Reference" (URI) to the document that requests the entry</li>
    </ul>
</section>
</section>
<section>
    <name>"LoggingServiceMediaErrorReasonCodes" Registry</name>
    <t>

-       When logging real time media in an ESInet, the recording mechanism may fail, and a log event, RecordingFailedLogEvent is defined
+       When logging real time media in an ESInet, the recording mechanism may fail, and a log event, RecordingFailedLogEvent is defined to log that
</t>
<section>
    <name>Name</name>
    <t>LoggingServiceMediaErrorReasonCodes</t>
</section>
<section>
    <name>Information Needed to Create a New Value</name>
    <t>Name and description of the reason code.</t>
</section>
<section>
    <name>Registration policy</name>
-   <t>Specification Required
+   <t>

+   Specification Required
    <xref target='RFC8126' />, which requires expert review. The expert should confirm that the entry represents a new reason for media fail
    </t>
</section>
<section>
    <name>Content</name>
    <t>This registry contains:</t>
    <ul>
        <li>The ASCII "Name" (a short string)</li>
        <li>The ASCII "Description" (explanatory text, a string)</li>
        <li>A "Reference" (URI) to a document that requests the entry</li>
+       <li>A "Reference" (URI) to the document that requests the entry</li>
    </ul>
</section>
<section>
    <name>Initial Values</name>
    <table anchor='table_ex'>
        <caption>Initial Values</caption>
        <thead>
            <tr>
                <th align='center'>Name</th>
                <th align='center'>Description</th>
                <th align='center'>Reference</th>
            </tr>
        </thead>
        <tbody>
            <tr>
                <td align='center'>lostConnection</td>
                <td align='center'>The connection to the SRS was lost and could not be re-established</td>
                <td align='center'>This document</td>
            </tr>
            <tr>
        </tbody>
    </table>
</section>

```

```

<td align='center'>dropOuts</td>
<td align='center'>There were significant number of missing media packets</td>
<td align='center'>This document</td>
</tr>
</tbody>
</table>
- </section><!-- Initial Values -->
- </section><!-- LoggingServiceMediaReasonCodes-->
- </section><!-- Internal Registries -->
+ </section>
+ <!-- Initial Values -->
+ </section>
+ <!-- LoggingServiceMediaReasonCodes-->
+ </section>
+ <!-- Internal Registries -->
<section>
  <name>EIDO Registries</name>
  <t>

    Following are registries needed to implement the Emergency Incident Data Object, the standard way to represent incident state when pa
    <xref target='EIDO' />.

  </t>
<section>
  <name>"EIDO-AgencyRole" Registry</name>
  <t>The role of the agency in relation to the Incident (e.g., "Call Receiving", "Dispatching", "Dispatched"). This may differ from agency role a
  <section>
    <name>Name</name>
    <t>EIDO-AgencyRole</t>
  </section>
  <section>
    <name>Information Needed to Create a New Value</name>
    <t>Value and description of the role.</t>
  </section>
  <section>
    <name>Registration policy</name>
-   <t>Specification Required
+
   <t>

+     Specification Required
      <xref target='RFC8126' />, which requires expert review. The expert should confirm that the the entry represents a new role.
    </t>
  </section>
  <section>
    <name>Content</name>
    <t>This registry contains:</t>
    <ul>
      <li>The UTF-8 "Value" (a short string)</li>
      <li>The UTF-8 "Literal Description" (a short string)</li>
-     <li>A "Reference" (URI) to a document that requests the entry</li>
+
     <li>A "Reference" (URI) to the document that requests the entry</li>
    </ul>
  </section>
</section>
<section>
  <name>"EIDO-IncidentType-Common" Registry</name>
-   <t>When multiple agencies are involved in an incident, the type of incident must be communicated clearly. Many agencies have internal incident
+
   <t>

+     When multiple agencies are involved in an incident, the type of incident must be communicated clearly. Many agencies have internal incident
      <xref target='APCO' />, but there is no registry of codes. This registry forms the complete listing of common type codes.
    </t>
  <section>
    <name>Name</name>
    <t>EIDO-IncidentType-Common</t>
  </section>
  <section>
    <name>Information Needed to Create a New Value</name>
    <t>Name and description of the reason code.</t>
  </section>
  <section>
    <name>Registration policy</name>
-   <t>Specification Required
+
   <t>

+     Specification Required
      <xref target='RFC8126' />, which requires expert review. The expert should confirm that the the entry represents a new incident type. Ger
    </t>
  </section>
  <section>
    <name>Content</name>
    <t>This registry contains:</t>
    <ul>
      <li>The ASCII "Value" (a short string)</li>
      <li>The ASCII "Literal Description" (a short string)</li>
-     <li>A "Reference" (URI) to a document that requests the entry</li>
+
     <li>A "Reference" (URI) to the document that requests the entry</li>
    </ul>
  </section>
</section>
<section>
  <name>"EIDO-IncidentStatus-Common" Registry</name>
  <t>When multiple agencies are involved in an incident, the status of incident must be communicated clearly. Many agencies have internal incide
  <section>
    <name>Name</name>
    <t>EIDO-IncidentStatus-Common</t>
  </section>

```

```

<section>
  <name>Information Needed to Create a New Value</name>
  <t>Name and description of the status code.</t>
</section>
<section>
  <name>Registration policy</name>
-  <t>Specification Required
+  <t>

+    Specification Required
      <xref target='RFC8126' />, which requires expert review. The expert should confirm that the entry represents a new incident status.
    </t>
</section>
<section>
  <name>Content</name>
  <t>This registry contains:</t>
  <ul>
    <li>The ASCII "Value" (a short string)</li>
    <li>The ASCII "Literal Description" (a short string)</li>
-    <li>A "Reference" (URI) to a document that requests the entry</li>
+    <li>A "Reference" (URI) to the document that requests the entry</li>
  </ul>
</section>
</section>
<section>
  <name>"EIDO-ReportNumberType" Registry</name>
-  <t>Used to indicate the current status of the report number associated with an incident. If a report number is present in an EIDO, it is requir
+
<t>

+  Used to indicate the current status of the report number associated with an incident. If a report number is present in an EIDO, it is require

      </t>
<section>
  <name>Name</name>
  <t>EIDO-ReportNumberType</t>
</section>
<section>
  <name>Information Needed to Create a New Value</name>
  <t>Name and description of the type.</t>
</section>
<section>
  <name>Registration policy</name>
-  <t>Specification Required
+  <t>

+    Specification Required
      <xref target='RFC8126' />, which requires expert review. The expert should confirm that the entry represents a new report number type
    </t>
</section>
<section>
  <name>Content</name>
  <t>This registry contains:</t>
  <ul>
    <li>The UTF-8 "Value" (a short string)</li>
    <li>The UTF-8 "Literal Description" (a short string)</li>
-    <li>A "Reference" (URI) to a document that requests the entry</li>
+    <li>A "Reference" (URI) to the document that requests the entry</li>
  </ul>
</section>
</section>
<section>
  <name>"EIDO-CommonDispositionCode" Registry</name>
  <t>

      An agency assigns a disposition to an incident when its participation in the incident ends. The disposition code indicates whether
      <xref target='APCO1.111' /> and implemented by
      <xref target='EIDO' />.
    </t>
    <t>APCO ANS 1.111.2-2018 uses a two-digit integer as an incident status code. IANA is also requested to hold values 46-100 for future versions
<section>
  <name>Name</name>
  <t>EIDO-CommonDispositionCode</t>
</section>
<section>
  <name>Information Needed to Create a New Value</name>
  <t>Name and description of the disposition code.</t>
</section>
<section>
  <name>Registration policy</name>
-  <t>Specification Required
+  <t>

+    Specification Required
      <xref target='RFC8126' />, which requires expert review. The expert should confirm that the entry represents a new incident type. Ger
      </t>
</section>
<section>
  <name>Content</name>
  <t>This registry contains:</t>
  <ul>
    <li>The 2 or 3 digit integer code</li>
    <li>The ASCII "Literal Description" (a short string)</li>
-    <li>A "Reference" (URI) to a document that requests the entry</li>
+    <li>A "Reference" (URI) to the document that requests the entry</li>
  </ul>
</section>
</section>

```

```

<section>
  <name>"EIDO-PersonRole" Registry</name>
  <t>

-           EIDOs may contain Person objects that describe a person somehow involved in an incident. The "role" of a person in an EIDO desc
+           EIDOs may contain Person objects that describe a person somehow involved in an incident. The "role" of a person in an EIDO describes the re

+       </t>
<section>
  <name>Name</name>
  <t>EIDO-PersonRole</t>
</section>
<section>
  <name>Information Needed to Create a New Value</name>
  <t>Name and description of the role.</t>
</section>
<section>
  <name>Registration policy</name>
-  <t>Specification Required
+  <t>

+      Specification Required
  <xref target='RFC8126' />, which requires expert review. The expert should confirm that the entry represents a new role.
  </t>
</section>
<section>
  <name>Content</name>
  <t>This registry contains:</t>
  <ul>
    <li>The ASCII "Value" (a short string)</li>
    <li>The ASCII "Literal Description" (a short string)</li>
-    <li>A "Reference" (URI) to a document that requests the entry</li>
+    <li>A "Reference" (URI) to the document that requests the entry</li>
  </ul>
</section>
</section>
<section>
  <name>"EIDO-VehicleRelationshipType" Registry</name>
  <t>

    A VehicleRelationshipType describes the relationship (victim's vehicle, accident vehicle, suspect vehicle, etc.) of a vehicle to another vehicle.

  </t>
<section>
  <name>Name</name>
  <t>EIDO-VehicleRelationshipType</t>
</section>
<section>
  <name>Information Needed to Create a New Value</name>
  <t>Name and description of the relationship type.</t>
</section>
<section>
  <name>Registration policy</name>
-  <t>Specification Required
+  <t>

+      Specification Required
  <xref target='RFC8126' />, which requires expert review. The expert should confirm that the entry represents a new relationship type.
  </t>
</section>
<section>
  <name>Content</name>
  <t>This registry contains:</t>
  <ul>
    <li>The ASCII "Value" (a short string)</li>
    <li>The ASCII "Literal Description" (a short string)</li>
-    <li>A "Reference" (URI) to a document that requests the entry</li>
+    <li>A "Reference" (URI) to the document that requests the entry</li>
  </ul>
</section>
</section>
<section>
  <name>"EIDO-LocationType" Registry</name>
  <t>A LocationType conveys the location type (Caller, Initial, CurrentIncident, Staging, Investigation, Tower Location, etc.) of a location and its history.
</section>
<section>
  <name>Name</name>
  <t>EIDO-LocationType</t>
</section>
<section>
  <name>Information Needed to Create a New Value</name>
  <t>Name and description of the relationship type.</t>
</section>
<section>
  <name>Registration policy</name>
-  <t>Specification Required
+  <t>

+      Specification Required
  <xref target='RFC8126' />, which requires expert review. The expert should confirm that the entry represents a new relationship type.
  </t>
</section>
<section>
  <name>Content</name>
  <t>This registry contains:</t>
  <ul>
    <li>The ASCII "Value" (a short string)</li>
    <li>The ASCII "Literal Description" (a short string)</li>
-    <li>A "Reference" (URI) to a document that requests the entry</li>

```

```

+      <li>A "Reference" (URI) to the document that requests the entry</li>
+      </ul>
+    </section>
+  </section>
+  <section>
+    <name>"EIDO-PrimaryUnitStatus-Common" Registry</name>
-    <t>A PrimaryUnitStatus-Common is a standardized code for the current status of an emergency response units (e.g., whether a fire engine is "ava
+    <t>

+      A PrimaryUnitStatus-Common is a standardized code for the current status of an emergency response units (e.g., whether a fire engine is "ava
+      <xref target='secStatus' /> for the latter information.
</t>
+    <section>
+      <name>Name</name>
+      <t>EIDO-PrimaryUnitStatus-Common</t>
+    </section>
+    <section>
+      <name>Information Needed to Create a New Value</name>
+      <t>Name and description of the status code.</t>
+    </section>
+    <section>
+      <name>Registration policy</name>
-      <t>Specification Required
+      <t>

+      Specification Required
+      <xref target='RFC8126' />, which requires expert review. The expert should confirm that the the entry represents a new primary unit status
</t>
+    <section>
+      <name>Content</name>
+      <t>This registry contains:</t>
+      <ul>
+        <li>The ASCII "Value" (a short string)</li>
+        <li>The ASCII "Literal Description" (a short string)</li>
-        <li>A "Reference" (URI) to a document that requests the entry</li>
+        <li>A "Reference" (URI) to the document that requests the entry</li>
+      </ul>
+    </section>
+  </section>
<section anchor='secStatus'>
  <name>"EIDO-SecondaryUnitStatus-Common" Registry</name>
  <t>Statuses that further qualifies the Primary Unit Status by providing more detail about the associated primary status. This registry enumerat
  <section>
    <name>Name</name>
    <t>EIDO-SecondaryUnitStatus-Common</t>
  </section>
  <section>
    <name>Information Needed to Create a New Value</name>
    <t>Name and description of the status.</t>
  </section>
  <section>
    <name>Registration policy</name>
-    <t>Specification Required
+    <t>

+    Specification Required
+    <xref target='RFC8126' />, which requires expert review. The expert should confirm that the the entry represents a new secondary unit stat
</t>
+  <section>
+    <name>Content</name>
+    <t>This registry contains:</t>
+    <ul>
+      <li>The ASCII "Value" (a short string)</li>
+      <li>The ASCII "Literal Description" (a short string)</li>
-      <li>A "Reference" (URI) to a document that requests the entry</li>
+      <li>A "Reference" (URI) to the document that requests the entry</li>
+    </ul>
+  </section>
+</section>
<section>
  <name>"EIDO-EmergencyResourceType-Common" Registry</name>
  <t>A standardized code for an emergency resource type (e.g., BombSquad, AirAmbulanceRotaryWing). Resource Types are teams and/equipment as oppc
  <section>
    <name>Name</name>
    <t>EIDO-EmergencyResourceType-Common</t>
  </section>
  <section>
    <name>Information Needed to Create a New Value</name>
    <t>Name and description of the resource type.</t>
  </section>
  <section>
    <name>Registration policy</name>
    <t>First Come, First Served and Expert Review. The expert should confirm that the the entry represents a new resource type. Use of trademark
  </section>
  <section>
    <name>Content</name>
    <t>This registry contains:</t>
    <ul>
      <li>The UTF-8 "Value" (a short string)</li>
      <li>The UTF-8 "Literal Description" (a short string)</li>
-      <li>A "Reference" (URI) to a document that requests the entry</li>
+      <li>A "Reference" (URI) to the document that requests the entry</li>
    </ul>
  </section>
</section>
<section>
```

```

<name>"EIDO-ResourceAttribute" Registry</name>
<t>

A standard code for an emergency resource attribute (skill and equipment; e.g., "EMSPhysician", "EMT", "SCBA". Also indicates an i

</t>
</section>
<name>Name</name>
<t>EIDO-ResourceAttribute</t>
</section>
<section>
<name>Information Needed to Create a New Value</name>
<t>Name and description of the resource attribute.</t>
</section>
<section>
<name>Registration policy</name>
<t>Expert Review. No standards document required. The expert should confirm that the entry represents a new resource attribute. Use of
</section>
<section>
<name>Content</name>
<t>This registry contains:</t>
<ul>
<li>The UTF-8 "Value" (a short string)</li>
<li>The UTF-8 "Literal Description" (a short string)</li>
- <li>A "Reference" (URI) to a document that requests the entry</li>
+ <li>A "Reference" (URI) to the document that requests the entry</li>
</ul>
</section>
</section>
<section>
<name>"eidoExtensionId" Registry</name>
<t>Vendors and users are highly likely to need to extend an EIDO to handle capabilities not common to all implementations. It is useful to at
<section>
<name>Name</name>
<t>EIDO-Resource Attribute</t>
</section>
<section>
<name>Information Needed to Create a New Value</name>
<t>Owner, contact, unique identifier, description and a reference to a schema. Note that the "Contact" may not be in English and therefore i
</section>
<section>
<name>Registration policy</name>
<t>Expert Review. No standards document required. The expert should confirm that the entry is complete, the provided URIs resolve to rea
</section>
<section>
<name>Content</name>
<t>This registry contains:</t>
<ul>
<li>The UTF-8 "Owner" of the extension (either a person or an organization) (a short string)</li>
<li>A stable "Contact" (URI) to contact the Owner</li>
<li>The ASCII "ID" (a unique short string)</li>
<li>The ASCII "Literal Description" (a short string)</li>
<li>A "Reference" (URI) to the extension schema</li>
</ul>
- </section><!--Content -->
- </section><!--EIDOextensionId-->
- </section><!--EIDO Registries -->
- </section><!--IANA Considerations -->
+ </section>
+ <!--Content -->
+ </section>
+ <!--EIDOextensionId-->
+ </section>
+ <!--EIDO Registries -->
+ </section>
+ <!--IANA Considerations -->
<section anchor='Security' numbered='true' toc='default'>
<name>Security Considerations</name>
<t>This document only defines registries populated by other documents, not how they are used. As such there are no special security considerations
</section>
</middle>
<!-- *****BACK MATTER ***** -->
<back>
<!-- References split into informative and normative -->
<!-- There are 2 ways to insert reference entries from the citation libraries:
    1. define an ENTITY at the top, and use "&quot;#REF!&quot;" here (as shown)
    2. simply use a PI "less than character"?rfc include="reference.RFC.2119.xml"?> here
    (for I-Ds: include="reference.I-D.narten-iana-considerations-rfc2434bis.xml")
-->
<references>
<name>References</name>
<references>
<name>Normative References</name><?rfc include="http://xml.resource.org/public/rfc/bibxml/reference.RFC.2119.xml"?>
<reference anchor='EIDO' target='https://dev.nena.org/higherlogic/ws/public/download/23026/NENA-STA-021.1%20EIDO%20JSON%20PubRvw.pdf'>
<front>
<title>NENA Standard for Emergency Incident Data Object (Public Review Draft)</title>
<author>
<organization abbrev='NENA'>NENA: the 9-1-1 Association</organization>
</author>
<date month='February' year='2022' />
</front>
</reference>
<reference anchor='APCO' target='https://www.apcointl.org/download/public-safety-communications-common-incident-types-for-data-exchange/?wpdmld=6

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<front>
  <title>
    APCO 2.103.2-2019 Public Safety Communications Common Incident Types for Data Exchange
  </title>
  <author>
    <organization abbrev='APCO'>Association of Public Safety Communications Officials International</organization>
  </author>
  <date year='2019' />
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</reference>
<reference anchor='APCO1.111' target='https://www.apcointl.org/download/apco_ans_1-111-2-2018-disposition-codes/'>
  <front>
    <title>
      APCO ANS 1.111.2-2018 Public Safety Communications Common Disposition Codes for Data Exchange
    </title>
    <author>
      <organization abbrev='APCO'>Association of Public Safety Communications Officials International</organization>
    </author>
    <date year='2018' />
  </front>
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<reference anchor='NENAi3' target='https://www.nena.org/page/i3_Stage3'>
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    <author>
      <organization abbrev='NENA'>NENA: the 9-1-1 Association</organization>
    </author>
    <date month='April' year='2021' />
  </front>
</reference>
</references>
<references>
  <name>Informative References</name><?rfc include="http://xml.resource.org/public/rfc/bibxml/reference.RFC.3261.xml"?>
<?rfc include="http://xml.resource.org/public/rfc/bibxml/reference.RFC.3550.xml"?>
<?rfc include="http://xml.resource.org/public/rfc/bibxml/reference.RFC.3840.xml"?>
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    <front>
      <title>
        EENA NG112 Project
      </title>
      <author>
        <organization abbrev='EENA'>European Emergency Number Association</organization>
      </author>
      <date month='May' year='2020' />
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+  <reference anchor='SIPProto' target='https://www.iana.org/assignments/sip-parameters/sip-parameters.xhtml#sip-parameters-3'>
+    <front>
+      <title>
+
+        Session Initiation Protocol (SIP) Parameters, Reason Parameters
+
+      </title>
+      <author>
+        <organization abbrev='IANA'>Internet Assigned Numbers Authority</organization>
+      </author>
+      <date month='June' year='2022' />
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+  </reference>
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  <front>
    <title>Hypertext Transfer Protocol (HTTP) Status Code Registry</title>
    <author>
      <organization abbrev='IANA'>Internet Assigned Numbers Authority</organization>
    </author>
    <date month='September' year='2018' />
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<reference anchor='i3v2' target='https://cdn.ymaws.com/www.nena.org/resource/resmgr/standards-archived/nena-sta-010.2_i3_architectu.pdf'>
  <front>
    <title>
      NENA Detailed Functional and Interface Standards for the NENA i3 Solution ("i3 Version 2").
    </title>
    <author>
      <organization abbrev='NENA'>NENA: the 9-1-1 Association</organization>
    </author>

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<date month='August' year='2016' />
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<front>
<title>NENA Standard for Next-Generation 9-1-1 GIS Data Model</title>
<author>
<organization abbrev='NENA'>NENA: the 9-1-1 Association</organization>
</author>
<date month='February' year='2020' />
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<title>
    NENA Registry System
</title>
<author>
<organization abbrev='NENA'>NENA: the 9-1-1 Association</organization>
</author>
</front>
</reference>
</references>
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</rfc>
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