

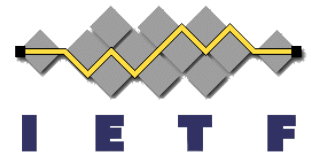
Internet Protocol- based In-Vehicle Emergency Call

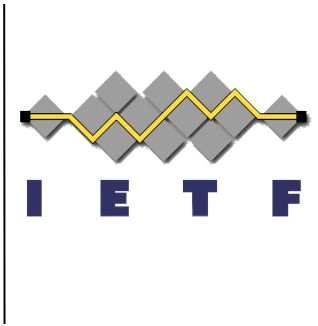
ECRIT WG

draft-rosen-ecrit-ecall-08.txt

IETF 86

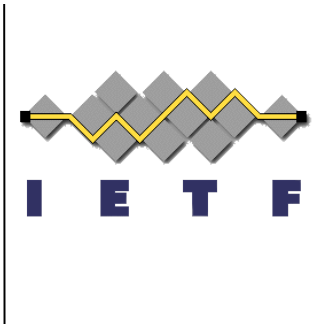
March, 2013





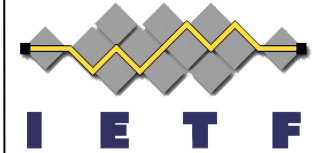
Status

- The [European eCall initiative](#) focused on supporting automatically triggered emergency calls using legacy technology (using an in-band modem).
- eCall support currently tested in EU funded pilot project ([HeERO](#), [HeERO2](#)).
- Similar activities in the US.
- [draft-rosen-ecrit-ecall](#) was written to introduce an IP-based equivalent for the eCall functionality (1st version from 2008).
- In the meanwhile the interest in deploying VoIP for cellular systems has increased and ETSI has started a special task force to look into this issue.
- With latest version Randy has joined as a co-author and the document was re-written.



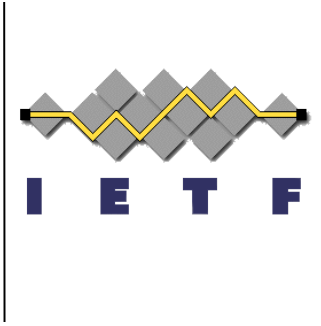
Content

- Describes how to accomplish in-vehicular emergency services usage by re-using existing ECRIT specifications
 - Location shapes from RFC 5491 (2d and 3d Point Circle, and Ellipsoid)
 - Dynamic extensions from RFC 5962 (direction and heading element)
 - Uses test call functionality
- Defines new Service URNs
- Contains example
- Describes mapping with eCall specification



Example

```
<?xml version="1.0" encoding="UTF-8"?>
<presence
  xmlns="urn:ietf:params:xml:ns:pidf"
  xmlns:dm="urn:ietf:params:xml:ns:pidf:data-model"
  xmlns:gp="urn:ietf:params:xml:ns:pidf:geopriv10"
  xmlns:dyn="urn:ietf:params:xml:ns:pidf:geopriv10:dynamic"
  xmlns:gml="http://www.opengis.net/gml"
  xmlns:gs="http://www.opengis.net/pidflo/1.0"
  entity="sip:+13145551111@example.com">
  <dm:device id="123">
    <gp:geopriv>
      <gp:location-info>
        <gml:Point srsName="urn:ogc:def:crs:EPSG::4326">
          <gml:pos>-34.407 150.883</gml:pos>
        </gml:Point>
        <dyn:Dynamic>
          <dyn:heading>278</dyn:heading>
          <dyn:direction><dyn:direction>
        </dyn:Dynamic>
      </gp:location-info>
      <gp:usage-rules/>
      <method>gps</method>
    </gp:geopriv>
    <timestamp>2012-04-5T10:18:29Z</timestamp>
    <dm:deviceID>1M8GDM9A_KP042788</dm:deviceID>
  </dm:device>
</presence>
```



Next Steps

- We would like to get the document adopted as a working group item.
- Refinements regarding the placement of various fields.

Feedback?

