

IEEE 802.23 Emergency Services Working Group
Manchester Hyatt
San Diego, CA
July 13-15, 2010

The meeting was called to order by (interim appointed) Chair Geoff Thompson at 0903 on 13 July in Room Ford C of the Manchester Hyatt.

Documents: <https://mentor.ieee.org/802-sg-emergency-services/Documents>

- Agenda review & modification

The draft agenda had been sent to the reflector and was posted as:

`sg-emergency-services-10-0040-00-ESSG-es-draft-agenda-for-san-diego.txt`

Motion to approve: Farrokh Khatibi

Second: George Bumiller

Approved without objection.

- Introductions

- Attendance

- Call for patents

(Please be familiar with IEEE patent policy)

<http://standards.ieee.org/board/pat/pat-slideset.pdf>

- Agenda review & modification

- Review of project history

- Requirements definition/refinement

- Rough schedule planning, route to a standard

- Develop task list

- Technical presentations

- Start outlining draft

- Working Group initialization

- Elections

- Establish initial WG membership

- Initial WG Operating Rules

- Signup for task items

- Plans for conference calls, checkpoints before September

- Plans for September interim

- Motions, report items for Friday EC

- Any other business
- Adjourn

- Introductions & Attendance

Attendees introduced themselves and their affiliations and an attendance sign-up sheet was passed around.

Attending were:

- Geoff Thompson/GraCaSI (sponsored by InterDigital)
thompson@ieee.org
- Farrokh Khatibi (Qualcomm)
fkhatibi@qualcomm.com

There was a call for patents. There were no respondents.

Review of the May meeting available on:

[sg-emergency-services-10-0039-00-ESSG-draft-minutes-interim-geneva-may-2010](#)

- WG procedures

The WG Chair announced that now that the group had obtained a PAR (as of March 25) we would be ruled by 802's default rules for the operation of WGs.

See: http://www.ieee802.org/PNP/2009-11/LMSC_WG_PandP_approved_091120_rev_100213.pdf

As such, attendance credits would now be tracked and participants would be differentiated between "voters" and "observers". All attendees at the 1st WG meeting at a Plenary (i.e. July 2010) who have full attendance credit for that meeting will become voting members. After that, voting membership in a WG is established by achieving participation credit at the sessions of the WG for two out of the last four plenary sessions; one duly constituted interim WG or Task Group session may be substituted for one of the two plenary sessions required to establish membership.

Also, the group is now governed by the IEEE Patent Policy which was retrieved from:

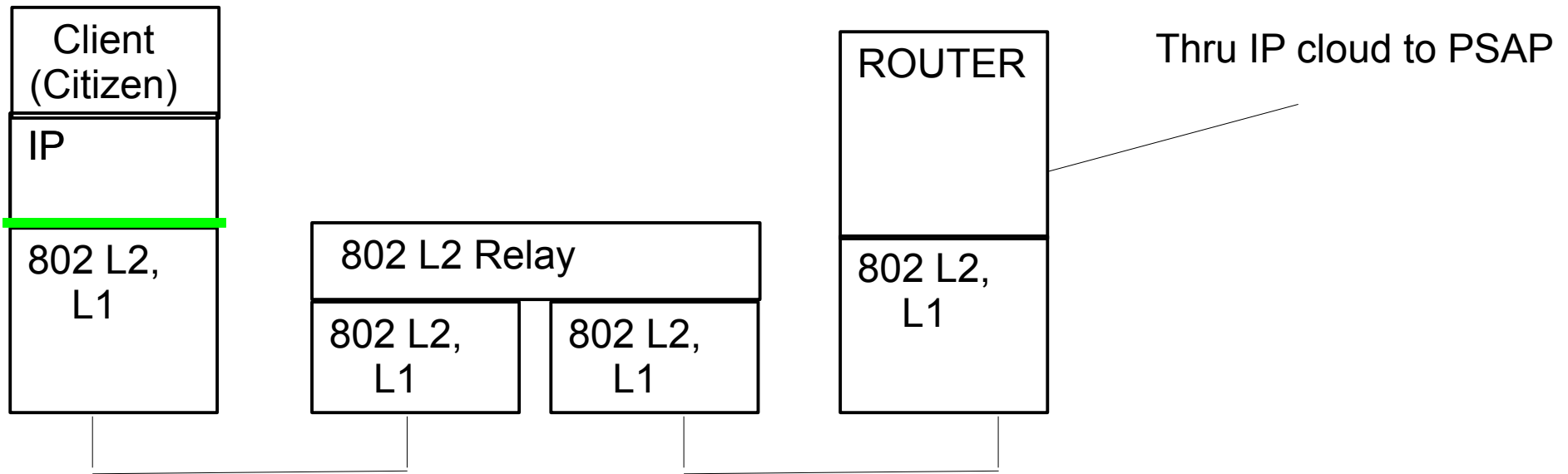
<http://standards.ieee.org/board/pat/pat-slideset.ppt>
and read to the group.


The main objective of 802.23 is for the scenario when the client does not have location information and it requires assistance from L2 Network to get that information. The job of 802.23 is to have that information readily available and to provide it up to/through the IP layer and or client.

Reporting can be directly from the client to the authority (e.g., PSAP) in which case there is no need for 802.23 involvement, or from an L2 Relay device back to the client to assist with the location information.

<Insert Diagram 1>

Diagram #1



 802.23 "shim"

802.23 communicates with 802 relay entities via a Layer 2 protocol.

First focus will be on VoIP based on IETF to satisfy ECRIT's requirements to satisfy the requirements across 802.

The group will not address nor specify location determination mechanisms— just location reporting techniques.

Security issues:

Authenticated/unauthenticated users

Privacy issues

Integrity

Location

Possible secured communication

We will consider various existing location reporting technologies and decide what is left for 802 case. Technologies such as SUPL, NENA i3, etc. to be considered.

First focus of the group activity will be to document the requirements definitions:

- Specifically review ECRIT requirements and extract the relevant parts
 - Need a list of relevant ECRIT documents (AI: Richard Barnes)
- Review of existing ES 802 reporting technologies
 - Are they sufficient or we need to come up with a superset
 - 802.11 (AI: George Bumiller)
 - 802.16 (AI: Geoff to find a stuckee via Roger)
 - WiMax Forum (AI: Geoff to find a stuckee via Roger)
- Review of existing reporting technologies from other SDOs
 - NENA (AI: Vijay Patel)
 - OMA SUPL (AI: Farrokh Khatibi)
- System level requirements from various regulatory bodies
 - Korea (AI: Kanghee Kim)
 - Korean National Standards Requirements for Emergency Calling
 - US and Canada (AI: Scott Henderson)
 - UK/EU (AI: Geoff to talk to Stephen McCann)
- Security
 - Requirements (AI: Geoff to talk to Bob Moskowitz)