Project	IEEE 802.16 Broadband Wireless Access Working Group <http://ieee802.org/16>
Title	**Minutes of IEEE 802.16 Session #45**
Date Submitted	**2006-10-23**
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Re:	IEEE 802.16 Session #45 Minutes (Mont Tremblant, Canada)
Abstract	
Purpose	To record the minutes of the IEEE 802.16 Working Group Opening and Closing Plenary meetings at Session #45
Notice	This document has been prepared to assist IEEE 802.16. It is offered as a basis for discussion and is not binding on the contributing individual(s) or organization(s). The material in this document is subject to change in form and content after further study. The contributor(s) reserve(s) the right to add, amend or withdraw material contained herein.
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Patent Policy and Procedures	The contributor is familiar with the IEEE 802.16 Patent Policy and Procedures <http://ieee802.org/16/ipr/patents/policy.html>, including the statement "IEEE standards may include the known use of patent(s), including patent applications, provided the IEEE receives assurance from the patent holder or applicant with respect to patents essential for compliance with both mandatory and optional portions of the standard." Early disclosure to the Working Group of patent information that might be relevant to the standard is essential to reduce the possibility for delays in the development process and increase the likelihood that the draft publication will be approved for publication. Please notify the Chair <mailto:chair@wirelessman.org> as early as possible, in written or electronic form, if patented technology (or technology under patent application) might be incorporated into a draft standard being developed within the IEEE 802.16 Working Group. The Chair will disclose this notification via the IEEE 802.16 web site <http://ieee802.org/16/ipr/patents/notices>.

Minutes of IEEE 802.16 Session #45

IEEE 802.16 Working Group
Mont Tremblant, Canada
25 – 28 September 2006

IEEE 802.16 Session #45 Opening Plenary Meeting

Monday, 25 September 2006

Call to Order

The meeting was called to order by Working Group (WG) Chair Roger Marks at 1:07 pm, who welcomed attendees to Session #45 of the IEEE 802.16 WG. The Chair provided the URL for the opening plenary agenda. Roger introduced himself, Vice Chair Jose Puthenkulam and Secretary Peiying Zhu.

The slides presented by the Chair to guide the meeting during the Opening Plenary are available in document IEEE 802.16-06/049.

The Chair outlined networking, logistical and registration issues and instructed that name badges shall be worn by the attendees in the meeting area for security reasons.

The Chair introduced the event host Frank Draper and other co-hosts Rémi Chayer and Brian Kiernan. Frank welcomed the meeting attendees and explained logistics details.

Membership and Voting

The lists of WG Members, Potential Members, Members in Peril, and Observers were explained by the Chair. Roger noticed some inconsistency on the number of members between his opening chart (227) and web site (224) and took the action to update the web page.

The Attendance Log procedure was explained by Roger. No Attendance Books will be used; sign-in is electronic only. Ten attendance intervals: [Mon pm; Mon evening; Tue am; Tue pm; Tue evening; Wed am; Wed pm; Thu am; Thu pm; Thu evening]. "Participation" Requirements: seven intervals (75%). The voting token sticker was issued at the registration deks. Those who did not get the sticker were instructed to obtain it from Jose Puthenkulam.

Roger asked for any questions or concerns.

Mike Hart noticed that few of the time duration keys on the Attendance Log Web page weres not correct and Roger said that he will fix the problems.

No more issues were raised.

The Chair then reviewed the agenda and asked for comments or concerns on the agenda.

Approvals

Motion (at 1:40pm): To approve the Opening Plenary Meeting Agenda on the 802.16 web site
(<http://ieee802.org/16/meetings/mtg44/opening.html>), proposed by Scott Probasco, seconded by Brian
Kieran , approved by unanimous voice vote.

Roger reviewed the draft minutes of Session #44. Roger asked for comments or any requests for additional
review time due to the late post of the minutes. No comments were received.

Motion (at 1:42pm): To approve the minutes of Session #44 (IEEE 802.16-06/041), proposed by Phillip
Barber, seconded by Frank Draper, approved by unanimous voice vote.

Roger further explained the consequence of signing in the Attendance Log using different names between
sessions and asked the attendees to make sure to use the same name. He informed the attendees that this is the
attendee's responsibility, not the chair's.

Chair's Status Report

See Chair's slides (IEEE 802.16-06/049).

IEEE 802 P&P issues

Roger highlighted parts of the IEEE 802 Policies and Procedures (P&P) as shown in his opening slides in
document IEEE 80216-06/049, in particular, related to WG operation, Chair's function, WG Rules, copyrights,
contribution procedures and restrictive notices.

Legal Announcements

The following advice was provided by the WG Chair regarding IEEE Standards Association (IEEE-SA) rules
regarding patents:

- The IEEE's patent policy is consistent with the ANSI patent policy and is described in Clause 6 of the
  IEEE-SA Standards Board Bylaws;
- Early disclosure of patents which may be essential for the use of standards under development is
  encouraged;
- Disclosures made of such patents may not be exhaustive of all patents that may be essential for the use of
  standards under development, and that neither the IEEE, the WG, nor the WG Chairman ensure the
  accuracy or completeness of any disclosure or whether any disclosure is of a patent that, in fact, may be
  essential for the use of standards under development.

Slide #1 ("IEEE-SA Standards Board Bylaws on Patents in Standards") and Slide #2 ("Inappropriate Topics for
IEEE WG Meetings") were shown (slides included February 2006 revisions by Standards Board).

An opportunity was provided for WG members to identify or disclose patents that the WG member or any
participants believes may be essential for the use of that standard. There were no responses to this
announcement.

IEEE-SA Actions and News

RevCom recommended the approval of IEEE 802.16/Conformance04 by the IEEE-SA Standards Board (SASB) on 15 Sept 2006. Roger sent his congratulations to the Conformance Task Group chair (Gordon Antonello) and the editor (Herbert Ruck). Some professional editing will be required before the formal publication of the standard. Herbert and Gordon agreed to help the editing. Roger called for additional volunteers; no answer was received. Roger notes that 13 standards projects of the IEEE 802.16 Working Group have now been approved.

Also, following NesCom recommendation, the SASB approved the IEEE P802.16-2004/Cor2 PAR on 15 September. This new project is assigned to the Maintenance Task Group.

IEEE 802.20 Working Group

IEEE-SA made a statement regarding the operation of the IEEE 802.20 WG. The WG is expected to come out of suspension in November. A new set of officers will be appointed, and a call for volunteers was issued. Previous decisions made in the WG on the document draft are subject to reconsideration. This is a drastic set of actions from the IEEE-SA. Roger asked for questions or comments; none were raised.

IEEE 802 News

There has been a change to the Get IEEE 802 program. Previously, an IEEE 802 standard was made available to the public in this program beginning 6 months after its publication. The decision was to change the time duration from 6 months to 12 months starting in August 2006. Roger indicated some concerns and suggested the potential for increased funding through the sponsorship program. IEEE 802.16e is available in the program now. Roger had requested and received an exemption based on the document's inclusion as a reference in an ITU-R recommendation for publication in September.

Regarding an 802 EC ballot on membership voting rules: Roger had sent this out for comment. He plans to vote "no".

802 Architecture Group and "802 Wireless Architecture Sub Group"

In the past meetings, reports related to the 802 Wireless Architecture Sub Group were given by those who participated the Sub Group meetings. In general, the reports were not very enthusiastic.

Roger discussed a straw poll result conducted at the recent IEEE 802.11 interim session regarding the value provided to the 802.11 WG by the Wireless Architecture Sub Group. That straw poll had indicated that the activities in the Wireless Architecture Sub Group were not productive.

Roger asked for discussion. Phil Barber mentioned that Roger was tasked to investigate this issue and make a recommendation in the July plenary meeting. Phil asked if Roger can share the preview of the report. Roger replied that he has talked to few people and has not developed a recommendation. Phil suggested that it is appropriate to have a similar straw poll as the one conducted in the 802.11 WG .

Mat Sherman stated that the value of the 802 Architecture Group is that it brings people together from across 802 to discuss the issues. Mat suggested splitting the straw poll to address the architecture and wireless

architecture sub group separately. Phil explained that his suggestion of the straw poll is intended for the Wireless Architecture Sub Group only.

Roger solicited Scott Henderson's opinion due to his consistent attendance in the Sub Group. Scott believed that there is a need for such group to discuss location issues (E911) required by government, including VoIP. There were usually 40-60 attendees for each meeting. The problem for the Sub Group is mostly organizational; for example, no agenda, no minutes, no clear charter.

Before the following straw poll was conducted, Roger instructed that members and non-members alike can participate.

(Straw Poll at 2:24pm): The IEEE 802.16 WG has confidence in the 802 Wireless Architecture Sub Group and believes that it should be continued.

Agree: 2
Disagree: 18
No opinion: 63

Mat Sherman asked Roger what he intends to do with such information. Roger said that he will provide this inform to EC as part of his report for his action item.

Operator ID/ Registration Authority Issues

Scott Probasco, chair of the Operator ID Ad Hoc Committee, presented the following summary on this issue:

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* Summary
  - RAC has agreed to administer a new number space for 802.16 OID
  - Tutorial option 2A (from IEEE 802.16-06/035) is preferred
  - 802.16 WG needs to propose details of structuring
  - one contribution (C802.16-06/012r2) was received on format of OID space

* Items needed to complete topic
  - Agreement on name
  - Comment to 802.16g (Phil, Peretz)
  - Application form: Make generic, to be used also for information change
  - Tutorial
  - FAQ
  - Public listing
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There was one proposal for allocation of IEEE 802.16 Operator ID (See Document C802.16-06/012r2).

G-Q Wang asked whether the tutorial for the RAC covers the usage model. Scott suggested that he come to the ad hoc meeting to discuss.

Jose Puthenkulam asked when is the next RAC meeting. The answer is next July. Jose asked again whether the RAC commits to implement the recommendations by the end of this year. Roger explained that the RAC agreed to implement it by the end of this year; however, they cannot commit it until they see the details in the WG's request.

Roger said that his proposed meeting schedule suggests that the RAC ad hoc meeting not take place while the NetMan TG is in session.

Schedule for the Week

The schedule for the week was presented for the various task groups and ad hoc groups
<http://dot16.org/calendar/week.php?date=20060925>.

NetMan Task Group

The NetMan TG draft agenda for the week was presented by the TG Chair Phil Barber (document IEEE 802.16netman-06/014). Phil reported the status of the P802.16g, the P802.16i, and P802.16k projects.

No questions or comments were raised.

License-Exempt Task Group

The TG Chair Mariana Goldhamer presented the plan for the week for the License-Exempt TG (document IEEE 802.16h-06/023r1).

Mitsuo Nohara asked if the 3.65 GHz issue is international issue or one related to a specific country. Mariana said that it is specific to USA regulation.

Relay Task Group

The Relay Task Group draft agenda for the week was presented by the TG Chair Mitsuo Nohara (document IEEE 802.16j-06/023). He reminded the attendees that the call for reply comments closes at the local time of Sept 25 4:00pm.

Maintenance Task Group

The Maintenance TG Chair, Jonathan Labs, presented the opening report (document IEEE 802.16maint-06/027). Jon reviewed four motions approved in the last WG Closing Plenary (Session #44), the proposed schedule for Cor2, and progress since closing report at Session #44. Jon reminded the attendees that the call for reply comments for IEEE 802.16maint-06/012r5 closes on Sept 25 AOE. Jon asked for volunteers for the editor and also sought a volunteer to serve as an interim editor for this week.

Phil asked if all the comments will be resolved in this meeting. Jon said that they should be resolved according to the schedule. If there are unresolved comments, then the WG needs to decide how to proceed. Phil asked whether the WG Letter Ballot will include a draft standard; Jon said that the initial ballot would be on individual change requests but that a draft standard should be available during recirculation.

Project Planning Committee

Roger displayed the email he sent via the reflector announcing details of the new IEEE 802.16 project planning committee, which will be chaired by Brian Kiernan, and Panyuh Joo as Vice Chair.

The planning committee Chair, Brian Kiernan, presented his initial view and plan for the committee (document 802.16-06/051r1).

There were discussions regarding IEEE-SA rules on Amendments and Revisions. Further discussions will be done during the actual project planning meeting.

Liaisons

ITU-R Ad Hoc

Roger presented the report on behalf of José Costa, who will arrive on Wednesday due to a conflicting ITU-R meeting in Geneva. Roger reviewed document IEEE L802.16-06/020, which was his report from a recent meeting of ITU-R WP 8F. This report includes suggestions that the WG explore opportunities to engage ITU-R WP 8F on IMT-2000 and IMT-Advanced.

IETF

There was no report due to the absence of the liaison officer in the opening Plenary. There is meeting scheduled to discuss issues related IETF on Tuesday afternoon. The meeting will go ahead as planned.

Schedule for the Week

Roger showed the updated agenda for the week <http://dot16.org/calendar/week.php?date=20060925>.

Charge to Task Groups

The TG Chairs were asked to ensure that minutes are recorded, previous minutes are approved, start and finish times are recorded for their meetings, motions are posted in advance, and motion times are recorded.

Future Sessions

Roger reminds people to book early for Session #47 in order to save the cost.

Jose Puthenkulam introduced Jennifer Reyes, the Session #49 event organizer. Jennifer asked the attendees to contact her with any suggestions or comments regarding Session #49.

Session #46: 13-16 November 2006: Dallas, TX, USA with IEEE 802 Plenary Session
Session #47: 15-18 January 2007: London, UK with IEEE 802 Joint Interim Session
Session #48: 12-15 March 2007: Orlando, FL, USA with IEEE 802 Plenary Session
Session #49: 21-24 May 2007: IEEE 802.16 Interim Session, Portland, OR, USA, hosted by Jose Puthenkulam
Session #50: 16-19 July 2007: San Francisco, CA, USA with IEEE 802 Plenary Session
Session #51; site to be determined during Session #46; preferred dates: 24-27 September.
    Proposals solicited; please see IEEE 802.16 Interim Session Guidelines

New Business

No new business.

Closing

A **Motion** to adjourn the Opening Plenary was proposed by Lei Wang, seconded by Panyuh Joo and approved by unanimous voice vote. The meeting adjourned at 3:50pm.

IEEE 802.16 Session #45 Closing Plenary

28 Sept 2006

Call to Order

Roger Marks called the meeting to order at 7:10 pm.

Approval of Agenda

The Closing Plenary agenda was published at http:// wirelessman.org/16/meetings/mtg45/closing.html. Agenda was reviewed by the WG chair Roger Marks. There were no objections to the agenda.

Working Group Issues

Roger expressed his appreciation toward the meeting host Frank Draper and his associates for offering the wonderful meeting facility and arrangements. Frank explained the remaining logistics. Roger presented a WirelessMAN T-shirt to Rémi Chayer to show his appreciation for his long time dedication to the IEEE 802 WG, following a similar presentation to Frank Draper at the previous evening's social event.

Relay Task Group

A report was made by the Relay TG Chair Mitsuo Nohara (document 802.16j-06/024r1).

Roger commented on Motion 4 in the report regarding the wording of "Baseline Draft" and suggested to use "Baseline Document" instead since the "draft" has a special meaning in IEEE 802. In addition, he asked to clarify Motion 5 in the report, asking whether the TG Chair has the call for technical proposals ready to share. Nohara-san said that the call for proposals is not yet ready.

Maintenance Task Group

A report was presented by the TG Chair Jon Labs (document IEEE 802.16maint-06/025r1). Jon thanked Itzik Kitroser for serving as the interim editor for this session.

Motion (at 7:39 pm): "*To request the Working Group to initiate an IEEE 802.16 WG Letter Ballot on each of the change requests tagged as 'Ready-for-WG-Ballot' in the 'Decision of the Group' field in IEEE 802.16maint-06/012r8*", proposed by Jon Labs, seconded by Itzik Kitroser.

A question was raised if the letter ballot is to be initiated today. The answer is no. Roger commented that the balloting is not ready to issue today and he is working on software to facilitate the balloting. He will make sure that the balloting will be done on schedule.

Another question was raised on how to make comments toward the balloting CRs. The answer was that the same procedure will be used as the normal WG Letter Ballot.

Motion passed 67/0/0.

Motion (at 7:41pm): "*To request for those CR's which say 'May need further harmonization' in the 'Group's Notes' field in IEEE 802.16maint-06/012r8 that the Working Group include that note in the announcement for the individual WG Letter ballots.*", proposed by Jon Labs, seconded by Itzik Kitroser..

There was discussion, and questions were raised as to why we need such a motion.

Motion passed 53/3/0

Jon thanked Itzik Kitroser for filling in as the Interim Editor for this session (and at Session #44) and announced that Joe Schumacher has volunteered to be the Editor for the Cor2 project.

License-Exempt Task Group

A report was made by the TG Chair Mariana Goldhamer (document IEEE 802.16h-06/025r1).

Motion (at 8:00pm): "Adopt the document IEEE 802.16h-06/015r1, as modified by the 802.16h Session#45 database 802.16h-06/022r2, to be the first 802.16h draft and submit it for Working Group Letter Ballot.", proposed by Mariana Goldhamer, seconded by Xuyong Wu.

There was no discussion on the motion.

Motion passed 50/0/0.

Roger congratulated the TG and the Chair for this achievement.

NetMan Task Group

A report on the P802.16g, P802.16k, and P802.16i projects was made by the TG Chair Phillip Barber (document 802.16netman-06/016r1).

Motion (at 8:15 pm): "To develop and issue the Working Group Draft P802.16g/D5, and initiate a Working Group Letter Ballot recirculation to close around November 3, 2006", proposed by Phil Barber, seconded by Peretz Feder.

Roger asked if the document will be ready for Sponsor Ballot in Nov. Phil answered yes. Roger also pointed out that there are many rejected technical binding comments and encouraged people to review them and provide indications as to whether they are satisfied with the resolutions. Phil suggested an alternative solution, to open a new balloting pool since many members in the current pool are not responsive. Jose Puthenkulam thought it is better not to form a new pool; there is a greater risk to miss the November Sponsor Ballot period.

Roger asked if people in the room are willing to contact the Disapprove members. Roger went through the Disapprove list and asked if they wanted to change their positions. Carl Eklund, Jae Hwan Chang, and Joey Chou said that they would like to change their "no" votes to "yes". Roger also noted that there are many Disapprove voters which are no longer IEEE 802.16 members.

Phil Barber asked a straw poll:
>   favouring another recirculation: 22
>   favouring a new ballot: 22
>   abstain on this matter: 7

With no clear guidance from the above straw poll, the original motion was voted. The Motion passed: 55/0/1

Motion (at 8:30 pm): "To develop and issue the Draft P802.16k/D3, and initiate a Sponsor Ballot recirculation to close around November 6, 2006", proposed by Phil Barber, seconded by Sean Cai.

Motion passed by 55/0/0.

Operator ID Ad Hoc

A report was made by the ad-hoc Chair Scott Probasco (document C802.16-06/025r1).

Motion (at 8:33 pm):: "To approve C802.16-06/012r2 as the allocation method for IEEE 802.16 Operator ID", proposed by Scott Probasco, seconded by Phil Barber, passed by unanimous voice vote.

Motion (at 8:35 pm): Motion to Work Group to approve all of the following:

- To recommend to the RAC that $1200 USD be the fee for each IEEE 802.16 Operator ID
- To approve C802.16-06/018r2 as the tutorial to be forwarded to the RAC
- To approve C802.16-06/015r1 as the first page of the application form to be forwarded to the RAC
- To approve C802.16-06/016r2 as the second page of the application form to be forwarded to the RAC
- To approve C802.16-06/017r2 as the public listing page to be forwarded to the RAC
- To empower the ad hoc to 1.) revise C802.16-06/019r1 as the FAQ and forward to the RAC and 2.) resolve any issues identified by the RAC or their contractors during the process to initiate OID allocation service. Revision and resolutions to be according to approved allocation method in C802.16-06/012r2

Proposed by Scott Probasco, seconded by Lei Wang. Motion passed 53/0/1.

Project Planning Committee

The following report was made by the committee Chair Brian Kiernan (document 802.16-06/052).

There were discussions on the recommendation of the timing regarding the revision.

Roger asked Brian if there is a detailed development schedule for the WG's projects. Brian answered that the plan is to have it in the next meeting.

Roger asked if the group feels that this is a useful exercise. Brian answered that it raised awareness within the group of the scheduling issues.

New Projects

Phil Barber presented a P802.16m PAR proposal (document C802.16-06/023r1 and C802.16-06/024r1). There were discussions on the wording of the PAR proposal.

(Motion at 9:23pm) "To approve the PAR C802.16-06/023r1 and Five Criteria C802.16-06/024r1 and forward them to IEEE 802 EC, authorizing the WG chair to make appropriate editorial modifications", proposed by Phil Barber, seconded by Jose Costa.

José Costa requested to include his name as the source of the document since he was involved in the development of both documents. Roger agreed and asked to make the following note "If the motion carries, the Chair will make an editorial change to include José Costa as a co-author".

Motion passed: 66/0/2

Liaisons

ITU-R

José Costa presented the ITU-R report (IEEE L802.16-06/022) and a proposed Call for Contributions (L802.16-06/024 and L802.16-06/024A1) for the content of a proposal to include IEEE 802.16 in IMT-2000.

(Motion at 9:50pm): To approve IEEE L802.16-06/024, including its Attachment 1 in IEEE L802.16-06/024A1, proposed by José Costa, seconded by Michael Wang

A question was raised as to whether a particular technology can be references in multiple ITU standards, such as IMT-2000 and IMT-Advanced. The answer is that it has been done commonly in the past.

Mitsuo Nohara raised an issue that he felt the one month is not enough for the assessment of the contribution. Roger mentioned that there is another chance in November to review the contribution.

Roger commented that the Call for Contributions contains some technical content, and people should be aware of this before voting. In addition, the template in Attachment 1 also includes some technical content. He pointed

out those details. He then asked if there are needs for future discussions. Mark Cudak asked how to organize the response to the template; Roger said that he will ask for volunteers via the e-mail reflector.

Motion passed: 60/1/0

Roger presented Jose Costa a WirelessMAN T-shirt for his successful effort to leading to the publication of ITU-R Recommendation F.1763.

Liaison to 802.11 WG

Mariana Goldhamer presented a proposed liason statement to the 802.11WG (document L802.16-06/026).

Phil Barber suggested some editorial changes to the letter.

Motion (10:21pm): To approve the Liaison letter L802.16-06/026r1, proposed by Mariana Goldhamer, seconded by Lei Wang. No discussion on the motion. Motion passed 36/0/0

Correspondence from IANA on IanaIfType 184 and OID 184).

Erik Colban presented a some email correspondence with IANA on IANA IfType 184 and OID 184 (document L802.16-06/026).

Roger asked if this has been discussed in the NetMan TG. The answer was that it is being done in an ad hoc. Roger asked how to avoid the same problem happening again. Phil recommends more care by the TG in the future. Roger commented that we needed more careful balloting review.

Future Sessions

Roger proposed a tutorial on "IEEE 802.16 and IMT-Advanced" for the November IEEE 802 Plenary Session (document C802.16-06/026).

(Motion 10:29pm): To approve the document C802.16-06/026, proposed by José Costa, Seconded by Jose Puthenkulam, motion passed by unanimous voice vote.

Session #45: 25-28 Sept 2006: Mont Tremblant, Quebec, Canada
Session #46: 13-16 November 2006: Dallas, TX, USA with IEEE 802 Plenary Session
Session #47: 15-18 January 2007: London, UK with IEEE 802 Joint Interim Session
Session #48: 12-15 March 2007: Orlando, FL, USA with IEEE 802 Plenary Session
Session #49: 21-24 May 2007: IEEE 802.16 Interim Session, Portland, OR, USA, hosted by Jose Puthenkulam

Jose made a short update regarding Session #49.

Session #50: 16-19 July 2007: San Francisco, CA, USA with IEEE 802 Plenary Session
Session #51; site to be determined during Session #46; preferred dates: 24-27 September.
        Proposals solicited; please see IEEE 802.16 Interim Session Guidelines

Roger asked if there are any possible proposals for Session #51. None was indicated.

New Business

No new business.

Closing
A Motion (at 10:33 pm) to adjourn the meeting was made by Panyuh Joo, seconded by Carl Eklund, and carried by unanimous voice vote. The meeting was adjourned at 10:35 pm on 28 Sept 2006.

Web References

Session #45 Web Page
        http://ieee802.org/16/meetings/mtg45

Session #45 Attendance and Participation List
        http://ieee802.org/16/meetings/mtg45/reglist.html

Session #45 Report
        http://ieee802.org/16/meetings/mtg45/report.html