



Linux Ad hoc group Report

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Background

- Whereas FSG PAS submitter application and category A liaison application are under balloting, and whereas PAS submitter application express many FSG wishes which also subject to be commended by NBs, therefore the topics which Ad hoc group where under hard restrictions.

Positioning of Linux Study Group

- Positioning of the Linux Study Group in last May is unclear.
- The Linux Ad hoc group recognized that the Linux Study Group is JTC 1 study group led by SC 22 chair person.
- Therefore, their decisions are not our SC 22 decision, though the resolutions are tightly related with SC 22 activities.

Resolution 1

- SC 22 endorsed all of the resolutions made in the Linux Study Group meeting SC 22 Nxxxx.

Note. The overall endorsement only what written in the resolution. For example, some resolution says "... Linux Study Group encourages the Free Standards Group to do something ...". SC 22's endorsement is applied to "encouragement" only, not apply to the result of something.

Category of liaison with FSG

- Application of the liaison is under balloting.
- From 3.4.3.2 of JTC 1 directives

“In the case of liaison with an SC, the JTC 1 Secretariat will ask the appropriate SC Secretariat for a recommendation on the establishment of the proposed liaison.”
- Consensus of this Ad hoc group was that SC 22 should establish some kind of liaison with FSG.
- No consensus on the appropriate category.
- No resolution but should be recorded in the minutes for the evidence of our secretariat.

Status update from Linux Study Group meeting

- FSG submitted PAS submitter application (under balloting), re. SG-02.
- FSG submitted Category A liaison application (under balloting), re. SG-03.
- FSG started public review of LSB 1.9 and distributed the text to SC 22 members, re. SG-04.
- UK submitted NP for TR enumerating the conflicts between Linux and POSIX to JTC 1 (under balloting), re. SG-05.
- Canada kindly set up mailing list for the Linux standardization scope discussion, but the discussion is dormant and no NP was created, re. SG-08.

Resolution 2

- SC 22 endorsed SC 22 N3588 with addition of the following status update from the Linux Study Group and suggests Mr. John Hill (chairman of SC 22 and Linux Study Group) to revise N3588 and re-submit to JTC 1. < status update listed in previous chart >

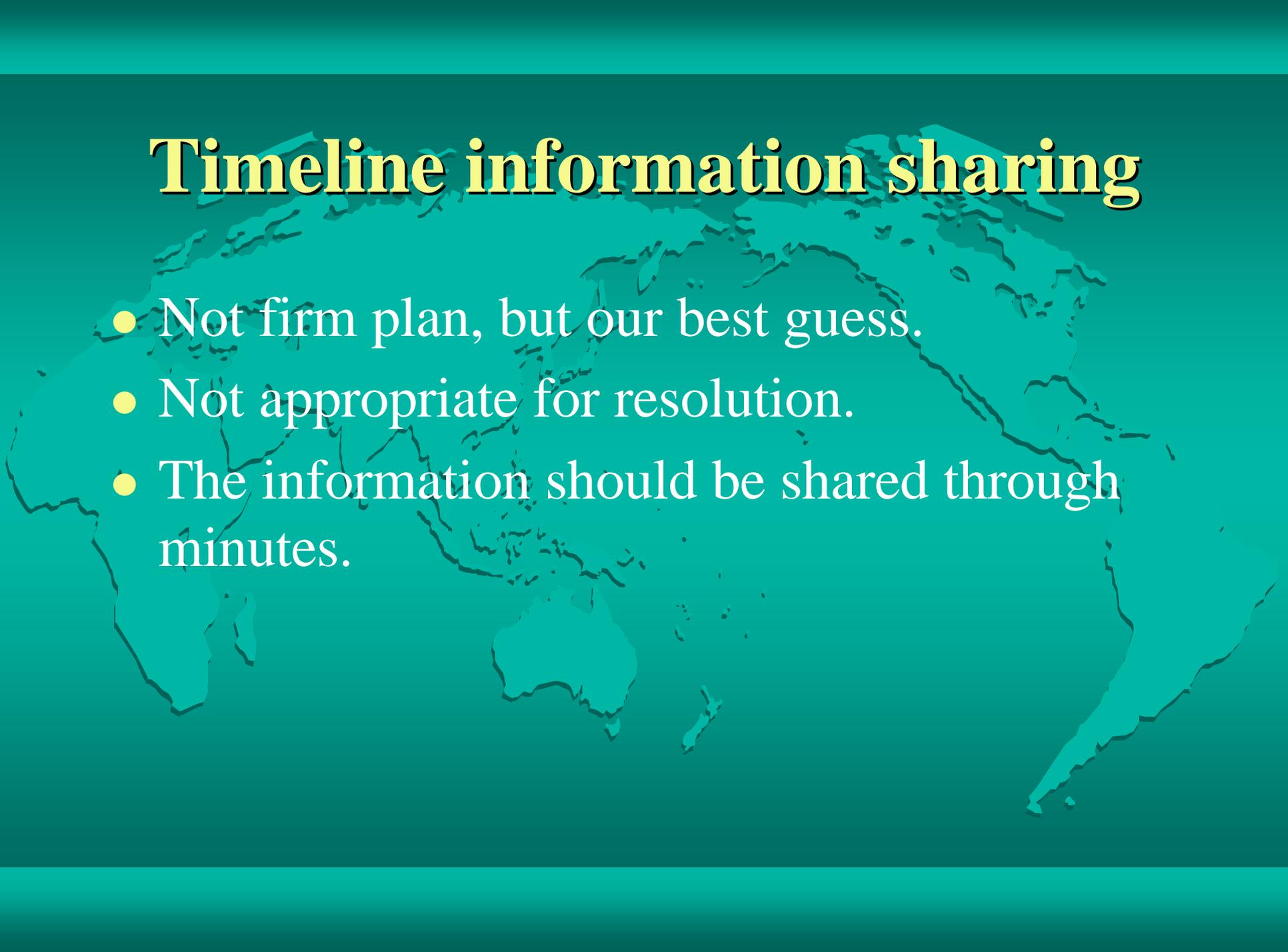
Probable timelines for SC 22 planning purpose

- FSG applies to JTC1 for PAS submitter and ballot is in progress.
- PAS submitter application result becomes known on November 2003 just after JTC 1 plenary.
- FSG submits a technical specification of LSB V2.0 probably in between February and April 2004.
- JTC1 assigns this to SC22 and the 6-month review begins between March and May 2004.
- 6-month review ends between August and October 2004.
- Ballot resolution meeting is held between September and November 2004.
- Editor makes the necessary changes and submits final copy to ISO Central Secretariat between October and December 2004.
- ISO/IEC standard is published in 2005.

Time slot for our free discussion

- December 2003 and January 2004.
- After closing of possible PAS ballot
(between September and November 2004)

Timeline information sharing

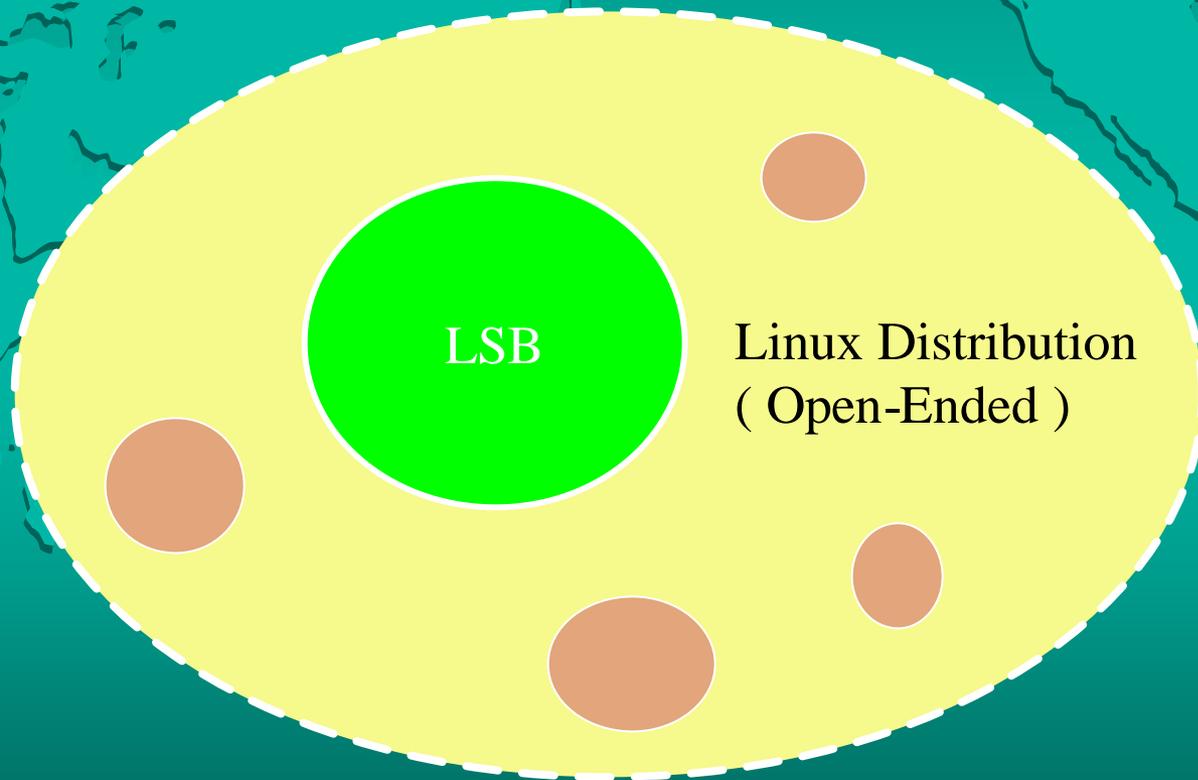


- Not firm plan, but our best guess.
- Not appropriate for resolution.
- The information should be shared through minutes.

Background of organizational issues

- Relation with possible disbandment of WG15 was excluded.
- No project on Linux assigned to SC 22 (WG establishment is prohibited).
- Technical requirements of NBs on Linux standardization yet to be clarified.
- Related bodies of required technologies yet to be clarified.
- Appropriate process, organizations, relation with other standards, external cooperation yet to be recommended.
- Risks of the standardization yet to be clarified with risk mitigation plan.
- Further study of Linux standardization would be required.

Scope of Linux standards



OWG requirements (2.2.5)

- JTC 1, SCs and WGs may establish OWGs to undertake specific tasks **between meetings of the establishing body**. **These tasks shall be defined at a meeting of the establishing body**.
- Participation in these OWGs need not be restricted to the delegates present at the meeting during which the group is established. However, the Convener should preferably be selected from among the attendees.
- When established, the terms of reference of each OWG shall be defined by the establishing body taking into account:
 1. a **definition of the task** to be completed by the group;
 2. the **time frame** in which the task is to be completed;
 3. the **membership** of the group;
 4. the designation of the group's convener;
 5. appropriate provisions for the administrative support of the group;
 6. **meeting arrangements for the first meeting** of the group.
- If continuation of the OWG is required, it shall be **reestablished at each meeting of the establishing body**.
- The following are examples of OWGs: **Ad hoc group**, Subgroup Rapporteur group, Drafting group, Editing group, Ballot resolution group

Resolution 3

- Establishment and time lines

“ISO/IEC JTC 1/SC 22 resolved to establish its Linux ad hoc (OWG) group and instructs its convener to complete the following tasks and to report the results as soon as possible, but no later than the next SC 22 plenary meeting.”

Resolution 3 (cont.)

- Task definition
 1. **Identify technical requirements of JTC 1 National bodies** for “Linux Distribution”, as defined in resolution 1 of the Linux Study Group.
 2. **Identify publicly available technologies**, i.e. components of “Linux Distribution”, and the **control bodies for those technologies**. The control bodies may include development projects for the technologies, specification development bodies, de jure or de facto standardization bodies, and influencers.
 3. Recommend the **scope of SC 22 or JTC 1 standardization** for “Linux Distribution”.
 4. **Identify the issues and risks** of standardization for “Linux Distribution” and recommend a possible **mitigation plan** for those risks.
 5. **Recommend the direction of standardization** for “Linux Distribution”, including standardization process, organization within SC 22, especially relationship with other SC22 standards including POSIX and C and possible cooperation with external bodies of SC 22.

Resolution 3 (cont.)

- Meetings (duplicated with directives, but announcement purpose to external bodies)

“The life time of the Linux ad hoc group is one year, but may be extended with a resolution of SC 22. SC 22 allows convener of the ad hoc group to hold **multiple meetings as needed** within its life time.”

Resolution 3 (cont.)

- Convener and meeting date of its 1st meeting

“SC 22 (appoints Mr./Ms. XXXX as initial convener of the ad hoc group | delegates YYYY national body to appoint initial convener of the ad hoc group) to hold the first meeting after JTC 1 plenary and before possible starting of PAS ballot of LSB.”

Note. If we SC 22 can not appoint ad hoc group convener, the last resort would be chairman of SC 22.

Resolution 3 (cont.)

- Membership

“The participants of the ad hoc group are not necessarily limited to the members of SC 22. SC 22 directs convener of the ad hoc group to invite experts of external bodies as needed, or hold the meeting jointly with Linux or other open-source related non-profit organizations. SC 22 also instructs convener of the ad hoc group to distribute invitation of the first meeting at least one month prior to the meeting.”

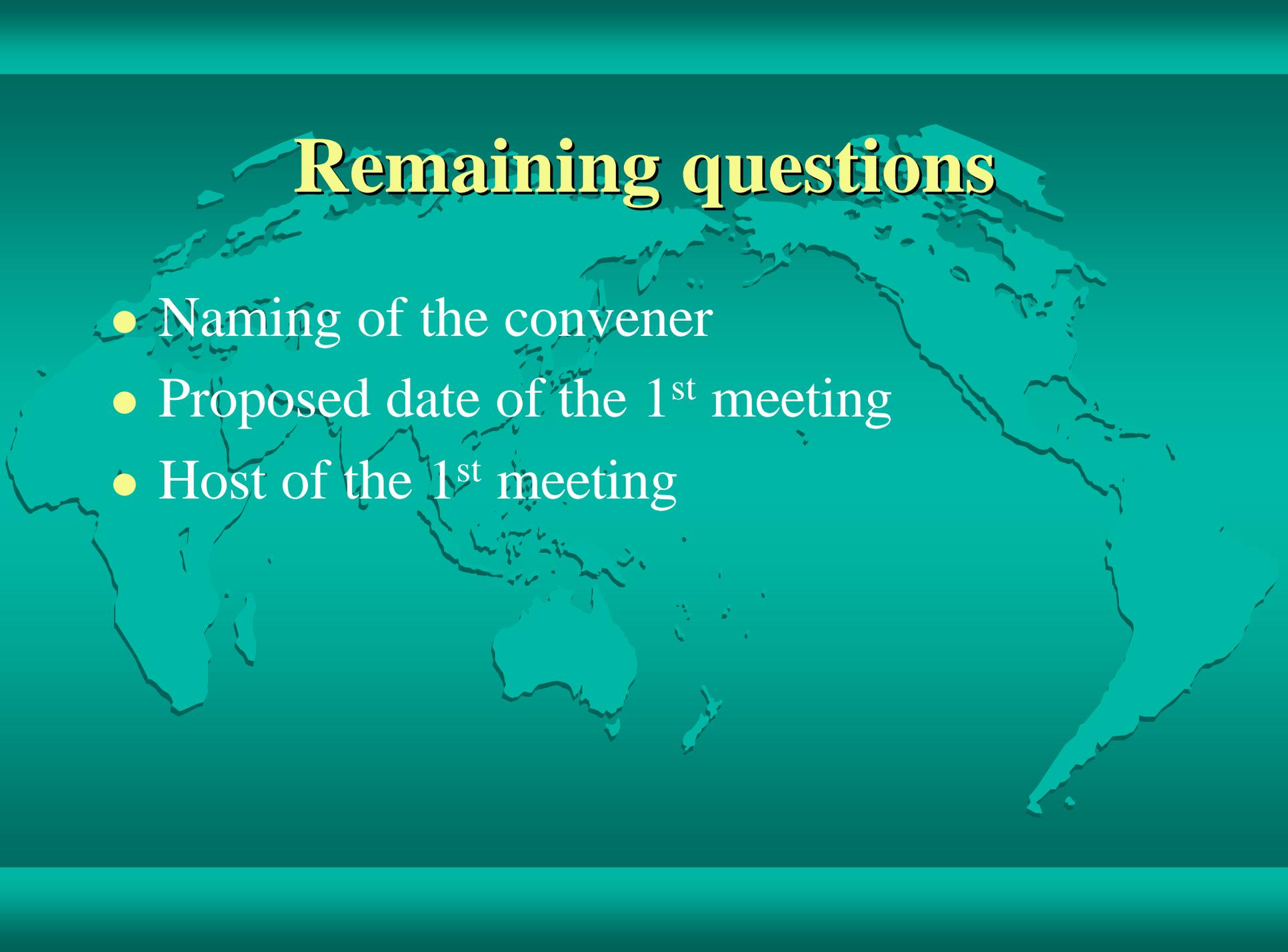
Risks of Ad hoc group

- Once LSG failed to work on the scope definition. This is the second attempt, then no 3rd train exist.
- The attempts will clarify:
 1. Existence of requirements beyond LSB
 2. Our ability on coordination and leadership
- If we fail, that would be end of game of our leadership against defacto standards.

Risk mitigation

- Carefully appoint convener
- Possible separation of coordination and technical leadership (convener & chairman)
- Tight involvement of external bodies
- Immediate action to complete all tasks within one year.

Remaining questions



- Naming of the convener
- Proposed date of the 1st meeting
- Host of the 1st meeting



Thank you!!

Drafting committee,
Please capture all the results in either
resolutions or minutes.