TRANSSC 33
INF-25
AGENDA ITEM 3.11.2

PROPOSED METHODOLOGY
FOR UPDATING THE
TECHNICAL BASIS DOCUMENT
To mark the fiftieth anniversary of the issue of its first Regulations for the Safe Transport of Radioactive Materials in 1961, the International Atomic Energy Agency (IAEA) held the International Conference on the Safe and Secure Transport of Radioactive Material: The Next Fifty Years of Transport — Creating a Safe, Secure and Sustainable Framework (Transport Conference), in Vienna in October 2011.
Background

Presidents Findings:

- Harmonisation
- Denial of shipments
- The current Scientific Basis
- The standard transport conditions assumptions
- Safety requirements and security recommendations
- UN modal bodies
- National implementation and industry compliance
- Emergency Response
- Liability
- Communication
- Regional considerations
Third Technical Meeting on Integration into the Transport Safety Standards of the Results of the 2011 Conference on the Safe and Secure Transport of Radioactive Material

TM-49609

23 to 27 March 2015
## 1. WORKING GROUP MEMBERS

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Terms of Reference for Working Group #1

Review the current draft of the “Technical Basis Document” and report;

- Mechanisms for updating the current status
- Provide comment on the content and format of the current document
- Provide recommendations on how the document might be made available to a wider audience
Status of the Technical Basis Document (TBD)

- The WG feels that the TBD is a very useful document for the transport community.
- The TBD in its current state is seen to cover all necessary areas.
- It is structured first by those areas of the regulations covering general information (history, general considerations).
- Following these general considerations it goes to the basis for single topics (tests, requirements).
The TBD has been developed especially for collecting all the historical information so as not to lose this important background information. At the same time it has led to a large database containing a number of historical documents for reference.
However;

- The TBD has not yet been synchronized with the other documents presenting the regulations for the transport of radioactive material.

- The mechanism for updating the TBD has not yet been defined.
Roles of the Documents

The Working Group discussions commenced with an expression of the need to clarify the roles and contents of the following related documents:

- **SSR-6**
  - WHAT YOU DO

- **SSG-26**
  - HOW YOU DO IT

- **TBD**
  - WHY YOU DO IT
Principle for Revision of TBD

Principle:

- The paragraphs of **SSR-6** say **what** you need to do,
- the corresponding paragraphs of **SSG-26** describe **how** to do it
- and the **TBD** explains **why** you do it.

It was felt that this Principle could provide a basis for identifying which text belongs in which document.
Which information?
WG 1: Proposed Timescales for Revision of TBD

**Timescales for Review/Revision**

The Working Group proposed that, at the end of a Review/Revision cycle, TRANSSSC give consideration to which information, generated within the Review Cycle, should be recorded in the TBD.

- **Year 1**
- **Year 2**
- **Post Cycle**

Transfer selected information as a Record of decisions taken.
The WG recommends that at the end of a given Review/Revision cycle, TRANSSC should have a standing Agenda item to consider the need to make additions to the TBD and decide on the forum for such an update (e.g. working group at next TRANSSC, TM, CM).
Conclusion

- The WG sees the TBD as an extremely useful and important document.
- We commend the establishment of the document as the central source for technical basis information.
- We see the very real need for a mechanism to regularly update the TBD.
- We also see the usefulness of the TBD as a training and information tool.
- There is a very real need to make the TBD user-friendly and available to as wide an audience as possible.
Questions?