TRANSSC 29 MEETING REPORT
Draft 1

TRANSSC Part 1
TRANSSC DISCUSSION AND DECISION ON MATTERS REQUIRING TRANSSC ACTION
OPENING 10 NOVEMBER 2014 14:00
CLOSE 10 NOVEMBER 2014 17:00

TRANSSC Part 2
TRANSPORT TECHNICAL ISSUES DISCUSSED IN WORKING GROUP(s)
OPENING 11 NOVEMBER 2014 09:00
CLOSE 12 NOVEMBER 2014 16:00

TRANSSC Part 3 – FEEDBACK FROM WORKING GROUPS and CONCLUSION OF TRANSSC MEETING
OPENING 13 NOVEMBER 2014 09:00
CLOSE 13 NOVEMBER 2014 17:00

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All presentations and documents can be found on the TRANSSC members’ website
Part 1

TRANSSC DISCUSSION AND DECISION ON
MATTERS REQUIRING TRANSSC ACTION

Opening 13 NOVEMBER 2014 09:00 / Close 13 NOVEMBER 2014 16:00

1.0 OPENING OF TRANSSC29

1.1.1 Opening Remarks by Mr Pil-Soo Hahn: Director, NSRW

Good afternoon everyone and welcome to TRANSSC29.

We are reaching the end of a busy year for the transport safety unit and the beginning of a busy year for TRANSSC.

There have been many discussions and meetings to further evaluate some of the proposals submitted in the last review cycle and some specific technical areas of the transport regulations.

This work will inform the preparation of submissions for the 2015 review cycle which will be announced in this meeting, and begin in January 2015.

TRANSSC is an extremely important resource. With 51 Member States, UN organizations and industry sectors represented, TRANSSC represents the center of knowledge concerning SSR-6 and its associated transport safety documents.

It is the intention of the Secretariat to use this knowledge and expertise in all matters related not only to the transport safety standards but also in matters related to their effective implementation by Member States.

I know the usual format of working groups followed by TRANSSC plenary has been disrupted for this meeting due to the unavailability of this room on Wednesday afternoon.

The Secretariat apologizes for this inconvenience.

As a result TRANSSC 29 will be in 3 parts with the activity of the working groups taking place in part 2.

I am sure under the direction of your Chair Mr. Paul Hinrichson and the Secretariat you will have an interesting meeting with many opportunities to contribute to the topics covered.

Thank you, and I now hand over to your Chair, Mr Paul Hinrichsen.

1.1.2 Opening Remarks By Chair Mr Paul Hinrichsen

Note to be added by PH in Draft 2
2.0 ADMINISTRATION ITEMS

2.1 Approval of the Meeting Agenda

The Meeting Agenda was approved with the following changes;

- The addition of Item 3.7.2 being a presentation by Mr Hirose of Japan related to issues concerning Freight Containers.

2.2.1 Approval of previous meeting report

- Ms Konnai of Japan informed the Meeting that she had previously brought to the attention of the Secretariat some corrections to the Notes of TRANSSC 28 and that these changes did not appear in the Notes presented. The Secretariat indicated that these corrections would be included in the TRANSSC 28 Meeting Report before the close of the TRANSSC 29.

- It was pointed out that there were errors in the identification of the Chairs and Co-Chairs for various Working groups at TRANSSC 28, with corrections as follows;
  - WG3 Chairs – Mr Zamora and Mr Duffy
  - WG 4 Chairs - Mr Sert and Mr Wille

- Mr Boyle of the USA made the point that there were a number of Information Papers which had been placed on the TRANSSC 29 Website on the Friday before the Meeting. He commented that Information Papers had to be posted at least 14 days prior to the Meeting while Items for TRANSSC Approval were required to be placed on the web at least 60 days prior to the Meeting.

**TRANSSC ACTION 29-1**: The Secretariat to post papers on Issues for TRANSSC Approval on the web at least 60 days prior to the Meeting.

**TRANSSC ACTION 29-2**: The Secretariat to post Information Papers for TRANSSC to be placed on the web at least 14 days prior to the Meeting.

- Mr Nitsche suggested that the Actions from the TRANSSC Meeting should reflect directly in the Notes of the Meeting.

**TRANSSC ACTION 29-3**: The TRANSSC chair to include all Actions arising from TRANSSC directly in the Meeting Report.
2.2.2 Action Record Sheet

Updated and shown in Appendix 5

2.2.3 Feedback from CSS

Mr Delattre provided feedback on the Commission on Safety Standards Meeting held between 3rd to 5th November 2014.

Summary report to be included in Draft 2.

2.2.4 Feedback from Chairs Meeting

Mr Hinrichsen briefly presented Information Paper INF-01

Information Paper on Meeting of the Chairs of NUSSC, RASSC, TRANSSC, WASSC, and NSGC on 3 November 2014.

**TRANSSC ACTION 29-4**: The TRANSSC Chair to obtain a copy of the Office of Internal Oversight Services (OIOS) Report which recommends Actions on the future of the NSGC, especially as it will impact upon TRANSSC.

**TRANSSC ACTION 29-4: COMPLETE**: Internal discussions in the Secretariat during TRANSSC29 week revealed that the OIOS Report is an Internal Report for the Director General and is not available for issue to Member States.

2.2.5 Safety / Security Interface Group

Mr Hinrichsen briefly presented Information Paper INF-02

Information Paper on Safety/Security Interface Group Activities

2.3 Member State Presentations

2.3.1 Presentation by Mr Elechosa of Argentina;

- Competent Authority of Argentina: Safe Transport of Radioactive Material.

2.3.2 Presentation by Mr Zamora of Spain;

- Transport of Radioactive Material in Spain.

2.3.3 Presentations for TRANSSC 30

**TRANSSC ACTION 29-7**: The United Kingdom to make presentation at TRANSSC30.

New Zealand offered to present at a TRANSSC Meeting in 2015 but could not guarantee that this would be the next TRANSSC Meeting.
TRANSSC ACTION 29-8: Finland offered to make a presentation at TRANSSC30.

2.4 Plenary Questions/Clarified on Posted Information Papers

Mr Hinrichsen noted that four Information Papers were posted;

- **Information Paper 01**: Information Paper on Meeting of the Chairs of NUSSC, RASSC, TRANSSC, WASSC, and NSGC On 3 November 2014
  
  This Information Paper had been discussed under item 2.2.4

- **Information Paper INF-02**: Information Paper on Safety/Security Interface Group Activities
  
  This Information Paper had been discussed under item 2.2.5

- **Information Paper INF-03**: Information Paper on Feedback from Technical Meeting on Dual Purpose Cask
  
  This Information Paper would be discussed under item 5.3.

- **Information Paper INF-04**: Questionnaire on the Freight Containers (without a permanent enclosed character) to Clarify the Definition and Requirements in the 2012 Edition of the IAEA Regulations for the Safe Transport of Radioactive Material (SSR-6) Safety/Security Interface Group Activities
  
  This Information Paper would be discussed under item 3.7.2.

3.0 DEVELOPMENT OF DOCUMENTS / PRODUCTS

The Chair noted that under Agenda Items 3.1, 3.2, 3.3 and 3.4, the 60 days period for comments for several of the documents placed on the TRANSSC Website expires during this TRANSSC. The Chair also noted that no TRANSSC or transport related comments had been posted concerning any of these documents.

The dates for TRANSSC approval / clearance are therefore as follows:

<table>
<thead>
<tr>
<th>Document</th>
<th>Action</th>
<th>Date Posted</th>
<th>60 Days Expiry</th>
</tr>
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<tr>
<td>DS-432</td>
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<tr>
<td>DS-490</td>
<td>Approval</td>
<td>22/09/2014</td>
<td>22/11/2014</td>
</tr>
</tbody>
</table>
**TRANSSC ACTION 29-5**: TRANSSC Chair to assess whether DPP DSG489: Safety Guide on Storage of Spent Nuclear Fuel addresses issues related to Dual-Purpose Casks. Uploaded 16/9/2014

**TRANSSC ACTION 29-5: COMPLETE**: The document is a proposed update on SSG-15 (Safety Guide on Storage of Spent Nuclear Fuel) following the Fukushima Event. Additionally SSG-15 already contains text related to the DPC (Section 6.1).

**TRANSSC ACTION 29-6**: TRANSSC Members to submit their comments on DPP DSG489 by 30 November 2014.

### 3.5.1 e-Schedules

Ms Capadona, of the Secretariat, discussed the need for the Secretariat to revise the 2009 Edition of the e-Schedules to be in line with the 2012 Edition of SSR-6. TRANSSC was requested to support in this initiative.

The decision of TRANSSC in this matter was to support this initiative as it was felt that the e-Schedules were a very important tool in preventing the incorrect consigning of packages.

**TRANSSC ACTION 29-9**: TSU to pursue the revision of the e-schedules to reflect SSR-6 (2012)

### 3.7.1 IAEA Drafting Regulations Workshop

Mr Bajwa of the Secretariat provided an update on the IAEA Schools of Drafting for Safety Regulations which included a transport component, and was being held concurrently with TRANSSC 29 for European countries, with a second school of drafting scheduled for Dec 2014. These initiatives are sponsored by the Department of Technical Cooperation and the Department of Nuclear Safety and Security, respectively, and are funded with extra-budgetary contributions. TSU has made the arrangements for transport experts to assist with the transport portion of these schools of drafting. A powerpoint presentation presented at the workshop reviewing the basic approaches to developing transport regulations has been posted to the TRANSSC29 website.

### 3.7.2 INF-04, Definition of Freight Containers in SSR-6

Mr Hirose presented a paper on issues with the definition of Freight Containers in SSR-6 which was posted on the TRANSSC website on 10/11/2014.
Since the Information Paper called for TRANSSC Members to respond to a large number of questions related to freight containers, it was decided that TRANSSC members would be asked to study the paper outside of the TRANSSC meeting. Mr Hirose proposed to create a correspondence group to share interpretation of the regulations and experience among Member States related to this particular subject to inform the formulation of proposals for change in the next review cycle.

**TRANSSC ACTION 29-10:** TRANSSC Members to contact Mr Hirose with respect to forming a correspondence working group.

### 3.8 Information from other UN/International bodies

#### 3.8.1 UNECE/SECTDG

(Mr Kervella to provide his paper as presented at TRANSSC)

#### 3.8.2 ICAO

- There was no representative from ICAO to Report on this Item.

#### 3.8.3 IMO

- There was no representative from the IMO to Report on this Item.
Part 2

TRANSPORT TECHNICAL
ISSUES DISCUSSED IN WORKING GROUP(s)

OPENING 11 NOVEMBER 2014 09:00
CLOSE 12 NOVEMBER 2014 16:00

4.0 OPENING REMARKS

4.1 Mr Paul Hinrichsen, TRANSSC Chair

Mr Hinrichsen welcomed all the participants to Part 2 of the TRANSSC29 and informed about the proposed format for Part 2. The original intention was to convene Working Group 4 for the whole day of Tuesday 11 November with 4 discussion groups formed from the TRANSSC meeting each discussing the subject matter in accordance with the WG4 ToR.

4.1.7 Working Group 4: Preparation of draft Syllabus for the IAEA Training Academy

The ToR was presented by Mr Whittingham for discussion.

Following a lengthy discussion, TRANSSC decided to take this matter forward with a plenary Session, chaired by Mr Duffy of Ireland:

A report of this working group output will be included in draft 2 of the meeting report.

Wednesday 12 November

4.1.4 WG1 – Preparation of draft Special Provision (ICAO TI) for UN3507 (UF6 in EXCEPTED PACKAGE)

Mr Whittingham presented the Terms of Reference for Working Group 1.

4.1.5 WG2 – Development of the Structure of Technical Basis, from a user perspective (as a historical record and going forward)

Mr Bajwa presented the Terms of reference of Working Group 2.

4.1.6 WG3 – Review of Fissile Exceptions Guidance material, from a user perspective

Ms Capadona presented the Terms of Reference for Working Group 3.

4.2 Approval of Terms of reference for Working Groups
TRANSSC Approved the Terms of reference of Working Groups 1, 2 and 3 and the chairs for each Working Group were agreed as follows:

WG1 – Mr G Sert - France

WG2 - Ms S Vogiatzi – Greece

WG3 - Dr F Nitsche – Germany
Part 3

FEEDBACK FROM WORKING GROUPS and
CONCLUSION OF TRANSSC MEETING

Opening 13 NOVEMBER 2014 09:00 / Close 13 NOVEMBER 2014 16:00

5.0 TRANSSC WORK NOW AND IN THE FUTURE

5.1 SSR-6 2015 Review Cycle

5.5.1 Update on Note Verbale

The Chair opened the meeting, and quickly reviewed the Agenda for the day.
The TSU (SW) provided an update on the Note Verbale for the 2015 review cycle for SSR-6 and the advisory material SSG-26. A clarification was offered by TSU (NC) that the scheduled (TS-G-1.6) would NOT be included in the review cycle as the latest version, based on the 2012 SSR-6, has not been issued. It was further stated that proposals from the previous review cycle would not be carried forward to the new review cycle, therefore, new proposals must be submitted for the new review cycle.

Intervention by Germany: proposals previously agreed should be “flagged” and they will be carried forward as such.

UK asked for clarification on the dates that proposals would be due and which documents were under revision. The Secretariat responded with the 10 January to 10 May but the objective was to state 01 January to 30 April if the NV can be issued in the required timescales.

Russia – requested that a copy of the NV is sent to the TRANSSC member.

UK – template form for submission of proposals will be included in the letter.

**TRANSSC ACTION 29-11**: Secretariat to copy TRANSSC members on review cycle Note Verbale (when issued).

USA asked if a copy of the draft NV can be put on the TRANSSC Members website.

**TRANSSC ACTION 29-12**: Secretariat to place a copy of the draft NV on TRANSSC webpage by end of November.
USA requested that the dates in the NV correspond to those stated in the Quality Plan for the review cycle and that the quality is revised as necessary.

**TRANSSC ACTION 29-13:** Secretariat to update Quality Plan for review cycle to reflect NV.

### 5.2 IAG

Mr Bajwa of the Secretariat briefly reviewed the meeting notes of the July 2014 virtual meeting of the IAG. This meeting included discussion of topics of mutual interest to the modal bodies, as well as consideration of proposals from the 2013 review cycle for SSR-6 that were referred to the IAG by TRANSSC. The meeting minutes for this virtual meeting were posted to the TRANSSC 29 website.

France (Mdme Lizot) enquired about discussions in the IAG regarding a French proposal for change submitted in the 2013 review cycle which was put to the IAG for comment, namely proposal #24, related to Emergency Response Planning.

**TRANSSC ACTION 29-14:** The Secretariat agreed that they would send an e-mail to the IAG members to ask for their views by end of December 2014 and report back to France to inform their considerations in the 2015 review cycle.

#### 5.2.1 WG5 (TRANSSC28)

TSU reported on some of the key issues that were discussed during the virtual meeting if the IAG.

France and Germany had comments.

It was agreed that for item #24 from the previous SSR-6 review cycle, a proposal from France, this would be further discussed by the IAG and finding would be offered.

### 5.3 Feedback from Consultants meetings

#### 5.3.1 Tie down meeting (November 5-7, 2014)

France (Sert) provided an overview (presentation) on the findings of this working group meeting. Their next meeting will be in January or February of 2015. It is the intent of the group to put forward changes to SSG-26.

#### 5.3.2 Dual Purpose Cask Meeting

Japan (Hirose) provided an overview (presentation) of the work on the integration of the DPC concept into SSR-6.

An intervention from Spain was offered regarding the change proposals from the working group.
Germany (Droste) offered a brief update on the TecDoc DPCSC which is in the approval process for publication by IAEA.

Comment offered by TSU (Whittingham) addressed the aging of both storage only and DPCs, is an issue that will need to be addressed going forward.

5.3.3 PDSR Technical Guide Issue 1

France (Dejean) provided a description of the content of the international PDSR and a status of the current efforts related to the document. A draft for review of TRANSSC is anticipated for TRANSSC 30.

An intervention from Spain (Zamora) expressed caution that the inclusion of emergency response in the PSR may not be necessary, as EP is the responsibility of entities outside of the package designer.

France (Lizot) offered that these are not requirements but guidance, and as such could such, could include information on emergency.

TSU (Whittingham) Some basic information on the response of packages to accidents could be helpful.

Australia (Sarkar) offered that this type of information should be included per 838(u) in SSR-6, but because this PDSR is guidance it is not binding for the designer.

A discussion was had in which France (Sert), Spain (Zamora), WNTI, Russia (Ershov), ISO, Germany, and United States also offered additional comments on the issue. It was offered that the IAEA should consider how the document might be published as a safety guide.

TSU offered that it would be difficult to publish this at a Safety Guide.

US (Sampson) offered that it should be a safety guide if possible. Germany offered support for this idea, but alternatively proposed the inclusion of the IPDSR as an Annex to SSG-26.

It was agreed by TRANSSC members that this document should be published as an IAEA Safety Guide.

**TRANSSC ACTION 29-15**: Secretariat to pursue the publication of the International PDSR document as a Safety Guide, initiate a DPP, and provide feedback to TRANSSC on the effort to publish as a Safety Guide.

5.4 Working Groups

5.4.1 Feedback from WG1

France (Sert) the Chair for WG 1, provided a brief report on the work completed by WG1 on the development of a proposal for a Special Provision in the ICAO Technical Instructions for air shipments of limited quantities of UF6.

The WG1 report is included as Annex 1 to this report.

5.4.2 Feedback from WG2

Greece (Vogiatzi) the Chair of WG 2, provided a brief report on the work completed by WG2 on the Technical Basis Document.

The WG2 report is included as Annex 2 to this report.
5.4.3 Feedback from WG3

Germany (Nitsche) the Chair for WG 3 provided a brief report on the work completed by WG3 on guidance for the application of the fissile exception requirements in SSR-6.

A note was made that CAs need to be informed that the new requirements need to be considered for existing certificates.

The WG3 report is included as Annex X to this report.

USA (Boyle) offered an intervention related to the consistent implementation of the new fissile exception requirements. The rapid publication of this guidance was encouraged.

WNTI offered that industry would prefer that current package certificates be allowed to be in force as written until expiration.

The US offered to provide a proposal for changes to SSR-6 to address general licenses that are affected by the new fissile exception values.

Austria (Kirchnaway) offered that the regulations (SSR-6) will need to be modified to move this forward to the modal/model regulations.

TRANSSC indicated support for the proposal from the US.

**TRANSSC ACTION 29-16**: Secretariat to develop a schedule for publication of this guidance and report this schedule to TRANSSC.

5.4.4 Feedback from WG4

No feedback provided at the close of the meeting.

The report of WG4 will be attached in Draft 2 of this meeting report.

5.5 TRANSSC Position Papers

5.5.1 Technical Meeting on Transport Accidents (October 28-31, 2014)

TSU (Whittingham) provided feedback on the TM on transport accidents.

TSU solicited the views of TRANSSC on the proposal to provide a questionnaire to specific countries where a great deal of Class 7 transport is carried out in order to have a record of transport accidents for dangerous goods including Class 7 (primarily for road transport). It was generally agreed in TRANSSC that the Secretariat should go forward with the proposed approach. The goal of this effort is to gather a record of accidents to further demonstrate the safety of transport packages for Class 7.

The “Preface” for the proposed report on the CRP for air accidents developed during the TM was presented and it was proposed that any comments on the Preface be provided to the Secretariat by February of 2015.

France (Sert) offered an intervention on the presentation made by TSU on the TM. Although these are low probability events they cannot be excluded from consideration.

**TRANSSC ACTION 29-17**: TRANSSC members to provide feedback on the air accidents CRP Preface by February 2015.
5.6 Translations

5.6.1 Transport Film

No discussion was provided on the translations related to the transport film.

5.6.2 SSG-26

TSU provided comments on translations of documents. A commitment was made by the Secretariat to move forward on translation of the SSG-26 document.

Russia (Mr Ershov) provided an intervention to inquire about the cost of translations, mentioning translating changes only, rather than the entire document.

France (M Sert) advised the meeting of the work by IRSN to translate SSG-26, which is partially complete. M Sert offered to send the translation to the Secretariat and offered to provide support for the translation of the document. Mr Whittingham thanked France and asked them to send to the Secretariat a copy of their work.

TSU welcomed the assistance from member States on translations.

WNA offered an intervention related to translation software in which they stated the importance of a correct and accurate translation which required professional translators.

IAEA TC (Ms Caratas - Secretariat) offered an intervention related to IAEA translation services.

TRANSSC generally agreed to assist with translations as far as is possible.

5.7 TSU work

5.7.1 IAEA Networks

TSU provided a brief presentation on the work of the Secretariat related to the formation of regional transport networks.

Australia (Sarkar) offered an intervention inquiring on the “Beijing network” for transport that was formed in 2008. The secretariat agreed to research this and provide feedback on this.

Kenya offered an intervention related to the development of the regional network in Africa.

TIC offered an intervention indicating the extreme importance of these regional networks to reduce instances of denials and delays.

**TRANSSC ACTION 29-18:** Secretariat to compile a list of upcoming events in the various regional networks and post to the TRANSSC website for TRANSSC member information.

6.0 REVIEW OF DRAFT MEETING REPORT

6.1.1 Review of Actions in TRANSSC29 Meeting Report

Draft 1 of the meeting report was presented to TRANSSC and the actions agreed. This report has been subsequently reformatted with additional actions recorded to reflect the notes taken during the meeting.
7. AGENDA FOR TRANSSC30

7.1 Items of interest for TRANSSC

In view of the interest and discussion that took place when the PDSR Guide was presented to TRANSSC30 under Agenda item 5.3.3, France proposed that the PDSR Guide should be the subject of further discussion in TRANSSC30 and this was agreed by the meeting.

**TRANSSC ACTION 29-19**: Secretariat to include a PDSR Guide in TRANSSC30 agenda.

France proposed that the outcomes of the recent meeting to discuss A1 and A2 values should be on the agenda for TRANSSC30; the meeting agreed.

**TRANSSC ACTION 29-20**: Secretariat to include an update on A1 and A2 meetings in TRANSSC30 agenda.

Mr Whittingham asked TRANSSC members to notify the Secretariat if they have topics for inclusion in the TRANSSC30 Agenda.

**TRANSSC ACTION 29-21**: TRANSSC members to notify the Secretariat of topics to be included in the TRANSSC 30 Agenda by end of February.

8. CLOSE OF MEETING

8.1.1 Closing remarks by Chair

To be included in Draft 2

8.1.2 Closing remarks by Mr Pil-Soo Hahn, Director of NSRW

Good afternoon everyone.

On behalf of the Secretariat I would like to thank you for your participation and contributions to TRANSSC29. The working groups have provided valuable contributions to the Secretariat in the areas of:

- The scope of a training programme for transport competent authority staff,
- Discussion of the issues relating to the transport of less than 100g of UF6 by air to inform a submission to the ICAO Dangerous Goods Panel in April 2015,
- Your views on the technical basis document and its future development, and,
- Your review of the fissile exceptions guidance document from a user’s perspective.

Your work will soon begin in your Member State to formulate, evaluate and submit proposed changes to SSR-6 and SSG-26 in the first half of 2015, and an update on the proposals received will be provided by the Secretariat in TRANSSC30 in June 2015.

I know that several side meetings took place this week and we encourage TRANSSC to take full advantage of this meeting and to hold side meetings after TRANSSC has finished the business of the day.

TRANSSC is a safety standards committee, but it is also a networking opportunity for those who attend.

In conclusion, I wish you all a safe journey home and I look forward to meeting you at TRANSSC 30.

Thank you. I now formally close TRANSSC29.