TRANSSC 29 MEETING REPORT

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

IAEA, BOARDROOM C,
BUILDING C
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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 TRANSSC 29

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

A copy of the opening statement is available from the TRANSSC 29 webpage.

1.1.2 Opening Remarks By Chair Mr Paul Hinrichsen

A copy of the opening remarks is available from the TRANSSC 29 webpage.

2.0 ADMINISTRATION ITEMS

2.1.1 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.

Mr Boyle (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; this did not give participants sufficient time to study these papers prior to the Meeting. The Secretariat apologised and reiterated that Information Papers should 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.
Dr Nitsche (D) suggested that the Actions from the TRANSSC Meeting should reflect directly in the Report of the Meeting.

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

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 Meeting.

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

2.2.2 Action Record Sheet

A review of the actions was made and the status of each action updated accordingly. An updated issue will be posted on the TRANSSC29 webpage to include all actions raised during this meeting.

2.2.3 Feedback from CSS

Mr Delattre provided feedback on the Commission on Safety Standards Meeting held 3-5 November 2014.

**Note from the Chair:** The Meeting Report for the 36th Meeting of the Commission on Safety Standards was not available at the time of the TRANSSC 29 meeting; a copy will be posted on the IAEA Website


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 may impact upon TRANSSC.

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 offered to make a presentation at TRANSSC 30.

New Zealand offered to present at a TRANSSC Meeting in 2015 but could not guarantee that this would be TRANSSC 30.

**TRANSSC ACTION 29-8:** Finland offered to make a presentation at TRANSSC 30.

2.4 **Plenary Questions/Clarified on Posted Information Papers**

Mr Hinrichsen noted that four Information Papers had been 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 is 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 is discussed under item 3.7.2.

### 3.0 DEVELOPMENT OF DOCUMENTS / PRODUCTS

#### 3.1–3.5

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 expire during TRANSSC 29. 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 for all posted documents are therefore as follows:

<table>
<thead>
<tr>
<th>Document</th>
<th>Action</th>
<th>Date Posted</th>
<th>60 Days Expiry</th>
</tr>
</thead>
<tbody>
<tr>
<td>DS-432</td>
<td>Approval</td>
<td>1/10/2014</td>
<td>1/12/2014</td>
</tr>
<tr>
<td>DS-476</td>
<td>Approval</td>
<td>15/09/2014</td>
<td>15/11/2014</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 DS489: Safety Guide on Storage of Spent Nuclear Fuel addresses issues related to Dual-Purpose Casks.

Uploaded 16/9/2014

**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 for 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 Discussion IAEA Documents

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 transport regulations scheduled for December 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 provided at the workshop and reviewing the basic approaches to developing transport regulations has been posted to the TRANSSC 29 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

The representative of UNECE, Mr. Kervella, stated that the United Nations Economic and Social Council's Committee of Experts on the Transport of Dangerous Goods, and the Globally Harmonized System of Classification and Labelling of Chemicals, together with its two (TDG and GHS) sub-committees, would hold their last sessions of the biennium 2013-2014 from 1-12 December 2014. These groups are expected to adopt new and revised recommendations that would be included in the 19th revised edition of the Recommendations on the Transport of Dangerous Goods, Model Regulations, the 6th revised edition of the Recommendations on the Transport of Dangerous Goods, Manual of Tests and Criteria, and the 6th revised edition of the Globally Harmonized System of Classification and Labelling of Chemicals that should be published in 2015. Documentation relating to the meetings of these bodies may be found at [www.unece.org/trans/danger/danger.html](http://www.unece.org/trans/danger/danger.html).

Regarding the latest developments concerning the legal instruments governing international transport of dangerous goods by road (ADR), rail (RID) and inland waterways (ADN) in European and neighbouring countries, Mr Kervella stated that the draft amendments to the 2013 version of these instruments, incorporating all provisions of SSR-6, were now deemed accepted and would enter into force on 1 January 2015 with a 6 month transitional period for their application. Consolidated 2015 versions of these instruments had already been printed or were being printed in English, French and Russian. The amendments are available on the above-mentioned website, and the consolidated 2015 versions will also be available in PDF format on this site as from 01/01/2015. Following accession by Belgium, the ADN now has 18 Contracting Parties.

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

Mr Paul Hinrichsen, TRANSSC Chair, welcomed all the participants to Part 2 of the TRANSSC 29 Meeting and informed the members of the proposed format for Part 2.

4.1 Introduction of Working Group Chairs

The Terms of Reference (ToR) for Working Groups 1 to 4 were discussed in plenary.

The original intention was to convene Working Group 4 for the entire 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. Following discussion in plenary, TRANSSC agreed

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.

4.1.7 **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:

The WG4 report is available on the TRANSSC 29 webpage.

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
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 reviewed the Agenda for the day.

The TSU provided an update on the Note Verbale (NV) for the 2015 review cycle for SSR-6 and the advisory material SSG-26. A clarification was offered by the TSU that the schedules (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, and therefore, new proposals must be submitted for the new review cycle.

Mr Nitsche of Germany proposed that previously agreed items brought into the new review cycle should be “flagged” and should be carried forward as such.

The UK asked for clarification on the dates that proposals would be due and which documents were under revision. The Secretariat responded that the period from the 10th of January to the 10th May would be the time window for the submission of proposals. However, the objective was that the time window would be from 1 January to 30 April if the NV could be issued timeously.

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

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

Ms Samson of the USA asked if a copy of the draft NV could be put on the TRANSSC Members website when ready.
**TRANSSC ACTION 29-12:** Secretariat to place a copy of the draft NV on TRANSSC webpage by end of November.

The USA requested that the dates in the NV correspond to those stated in the Quality Plan for the review cycle and that the Quality Plan is revised as necessary.

**TRANSSC ACTION 29-13:** Secretariat to update Quality Plan for review cycle to reflect the NV dates, as applicable.

5.2 IAG (Inter Agency Group)

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 (Madame Lizot) enquired concerning discussions in the IAG regarding a French proposal for change submitted in the 2013 review cycle. This proposal had been 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 the end of December 2014 and report back to France to inform their considerations in the 2015 review cycle.

5.2.1 WG5 (TRANSSC 28)

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

5.3 Feedback from Consultants Meetings

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

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

5.3.2 Dual Purpose Cask Meeting

Mr Hirose of Japan provided an overview (presentation) of the work on the integration of the DPC concept into SSR-6.
Dr Droste of Germany offered a brief update on the TecDoc DPCSC which is in the approval process for publication by the IAEA.

Mr Whittingham of the TSU offered a comment that the aging of both storage only casks and of DPCs, is an issue that will need to be addressed going forward.

5.3.3 PDSR Technical Guide Issue 1

Mr Dejean of France 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.

Mr Zamora of Spain expressed caution that the inclusion of emergency response in the PDSR may not be necessary, as EP is the responsibility of entities outside of the package designer.

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

TSU (Mr Whittingham) stated that some basic information on the response of packages to accidents could be helpful.

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

A discussion was had in which France (Mr Sert), Spain (Mr Zamora), WNTI, Russia (Mr Ershov), ISO, Germany, and the 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.

The TSU offered that it would be difficult to publish the PDSR as a Safety Guide.

The US (Ms Sampson) offered that it should be a safety guide if possible as the subject matter was of the utmost importance. Germany offered support for this idea, and alternatively proposed the inclusion of the PDSR 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

Mr 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 available on the TRANSSC 29 webpage.

5.4.2 Feedback from WG2

Greece (Ms 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 available on the TRANSSC 29 webpage.

5.4.3 Feedback from WG3

Germany (Dr 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 available on the TRANSSC 29 webpage.

The USA (Mr Boyle) offered an intervention related to the consistent implementation of the new fissile exception requirements. In this regard 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.

TRANSSC indicated support for the proposal from the US.
Austria (Mr Kirchnawy) offered that the Regulations (SSR-6) would need to be modified to move this forward to the modal/model regulations.

**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

The report of WG4 is available on the TRANSSC 29 webpage.

### 5.5 TRANSSC Position Papers

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

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

The 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 (Mr Sert) offered an intervention on the presentation made by TSU on the TM. He suggested that even though an event may be given a low probability such events 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

The 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) enquired about the cost of translations, mentioning the idea that translating changes only, rather than the entire document, would speed-up the translation process.

France (Mr Sert) informed the meeting of the work performed by IRSN in translating SSG-26, which is partially complete in translation. Mr Sert offered to send the translation to the Secretariat and also offered to provide support for the translation of the document. Mr Whittingham thanked Mr Sert and asked him to send to the Secretariat a copy of their work.

The TSU welcomed the assistance from member States on translations.

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

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

5.7 TSU work

5.7.1 IAEA Networks

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

Australia (Mr Sarkar) enquired about the “Beijing network” for transport that was formed in 2008. The secretariat agreed to research this and provide feedback on this.

Kenya (Mr Opar) briefly discussed the good work related to the development of the regional network in Africa.

The TIC stressed 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 TRANSSC 29 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 TRANSSC 30

7.1 Items of interest for TRANSSC

In view of the interest and discussion that took place when the PDSR Guide was presented to TRANSSC 29, under Agenda item 5.3.3, France proposed that the PDSR Guide should be the subject of further discussion in TRANSSC 30 and this was agreed by TRANSSC.

TRANSSC ACTION 29-19: Secretariat to include a PDSR Guide in TRANSSC 30 agenda.

France proposed that the outcomes of the recent meeting to discuss A1 and A2 values should be on the agenda for TRANSSC 30; TRANSSC agreed.

TRANSSC ACTION 29-20: Secretariat to include an update on A1 and A2 meetings in TRANSSC 30 agenda.

Mr Whittingham asked TRANSSC members to notify the Secretariat should they have topics for inclusion in the TRANSSC 30 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

The Chair thanked the members of TRANSSC for their continued support and professionalism and for their willingness to provide their services during the course of the Meeting. Mr Hinrichsen further wished members a pleasant and safe journey home and looked forward to seeing members at TRANSSC 30.

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

A copy of the closing statement is available from the TRANSSC 29 webpage.