

AGENDA

48th Transport Safety Standards Committee (TRANSSC-48)

10-14 June 2024

TRANSSC Plenary

OPENING–10 June 2024 (10:00)

CLOSING– 14 June 2024 (12:00 noon)

VIC, Building M, Board Room A

TRANSSC Technical Expert Group (TTEGs):

- TRANSSC Technical Expert Group on Criticality (TTEG-C)- Chair: to be elected
- TRANSSC Technical Expert Group on Package Performance and Assessment (TTEG-PPA) - Chair: to be elected
- TRANSSC Technical Expert Group on Radiation Protection (TTEG-RP) - Chair: to be elected
- TRANSSC Technical Expert Group on Operational Matters (TTEG-OM) - Chair: to be elected

Working Groups:

- Working Group on Transportable Nuclear Power Plants (WG-TNPP)- Chair: Mr. Rick Boyle, USA
- Working Group on NORM Exemptions (WG-NORMEX) Acting Chair: Mr Nabil, CERN
- Working Group on Review Process for SSR-6- Chair: Mr. Rick Boyle, USA
- Joint TRANSSC-RASSC Working Group on A1/A2 values- Chair: Mr Tiberio Cabianca, UK

Your attention is drawn to the following documents that have been posted for online review by TRANSSC, listed here for your convenience:

- DS546 Ageing Management and Maintenance of Radioactive Material Transport Packages – 7th Step
Deadline for comments : **13 May, 2024**
- DS513 Leadership, Management and Culture for Safety – (Step-7)
Deadline for comments : **13 May, 2024**
- NST070, Information Security for Nuclear Security (NSS No 23-G) (Revision 1) (Step 7)
Deadline for comments : **13 May, 2024**

Day 1 (Monday 10 June 2024, 10:00-17:30)

1 GENERAL SESSION (10:00-12:30)

1.1	<ul style="list-style-type: none"> • Opening of the meeting • Introduction of the new TSU Staff and TRANSSC Members • Administrative Arrangements • Group Photo-(10:30 am) 		<p>Ms. VANDENHOVE, Hildegard, DIR NSW</p> <p>Mr David Pstrak, TRANSSC Chair</p> <p>Ms Shazia Fayyaz, TRANSSC Scientific Secretary</p>
1.2	Adoption of the TRANSSC-48 Agenda (Rev.0)	For approval	Mr D. Pstrak
1.3	TRANSSC-47 Meeting Report (Rev.1)	For information	Mr D. Pstrak
1.4	End of Term Report-TRANSSC 9th Term	For information	Mr D. Pstrak
1.5	Introduction of TRANSSC Technical Expert Groups (TTEGs), ToR, Workplans, Format for Reports and selection of Chair	For information	Mr D. Pstrak Ms S. Fayyaz
1.6	Introduction of TRANSSC Working Groups, ToR, Workplans and selection of Chair	For information	Mr D. Pstrak Ms S. Fayyaz
1.7	Adoption of TRANSSC Agenda Item Submission Form, Format for Reports by TTEGs, WGs and TRANSSC	For approval	Mr D. Pstrak Ms S. Fayyaz
1.8	Status of previous TRANSSC Actions	For information	Ms S. Fayyaz
1.9	TRANSSC Strategic Plan for Term (2024-2026)	For approval	Mr D. Pstrak

2 INTRODUCTION TO THE NEW TERM: GENERAL SAFETY STANDARDS ISSUES (14:00-16:30)

2.1	History of the IAEA safety standards	For information	Mr D. Delattre, NSOC/SSDS
2.2	Strategies and processes for the establishment of IAEA safety standards (SPESS A)	For information	Mr D. Delattre, NSOC/SSDS
2.3	IAEA safety standards: step-by-step preparation and review process (SPESS B)	For information	M. Nikolaki / P. Shaw NSOC/SSDS
2.4	Information on web resources available	For information	T. Karseka-Yanev/ R. Wright NSOC/SSDS
2.5	Outcome of the CSS-55 meeting including CSS priorities for its eighth term and implications to SSCs	For information	Mr D. Delattre, NSOC/SSDS

3 SAFETY STANDARDS (16:30-17:30)			
3.1	DS546 -Ageing Management and Maintenance of Packages for Transport of Radioactive Material (Step -7)	For approval	Ms Alenka Bujnova, NSRW/RIT/TSU
3.2	Update on draft of Safety Basis Document (tentative)	For information	Ms A. Bujnova
Day 2 (Tuesday 11 June 2024, 09:00 – 17:00)			
4 TTEGs and WGs BREAK OUT SESSIONS			
4.1	<ul style="list-style-type: none"> TTEGs Term Plan (2024-2026) based on TRANSSC Strategic Plan for Term (2024-2026) Working Groups Plans, ToRs, priorities etc. 	All TTEGs and WGs Chairs (Subject to change) Room for TTEG-RP: M0E07 Room for TTEG-C: M0E79 Room for TTEG-OM: M0E05 Room for TTEG-PPA: M0E03	
Outcomes	<ul style="list-style-type: none"> TTEG's Term Plan Report by each TTEG and WG 		
Day 3 (Wednesday 12 June 2024, 09:00 – 17:00)			
Joint Session TRANSSC-RASSC- NSGC			
Agenda is at Annex-1			
RECEPTION FOR TRANSSC-48 MEETING PARTICIPANTS [17:00 – 19:00], Mozart Room (may be a Joint reception of TRANSSC, RASSC, NSGC)			
Day 4 (Thursday 13 June 2024, 09:00 – 17:00)			
5 GENERAL TOPICAL ISSUES (PLENARY) (09:00-12:30)			
5.1	Proposal for an IAEA Coordinated Research Project (CRP) “Potential Effects of Accident Caused Battery and Hydrogen Fires in View of Regulatory Test Requirements for the Safe Transport of Packages of Radioactive Material” Summary of responses to survey questionnaire	For information and discussion	Mr D. Pstrak Ms S. Fayyaz
5.2	Pilot project on use of Drones for radioactive material supplies by Canada	For information	Ms Isabelle Tremblay, Canada
5.3	Revise Format and Structure of SSR-6: Proposal by France	For Information and discussion	Mr Thierry Chrupek, France

5.4	Country Presentation (Belgium)	For information	Mr Thomas Bande, Belgium
6 TTEGs, WGs (14:00-17:00)			
6.1	Report by TTEGs to Plenary	For approval	TTEGs Chair
6.2	Report by WGs to Plenary	For approval	WGs Chair
7 International Organization			
7.1	Update by the IOs, or any agenda item (Tentative)	For information	Representatives from ISO, IMO, UNECE, ICAO, UPU
7.2	Update on IAG	For information	Mr Eric Reber, NSRW/RIT/TSU
Day 5 (Friday 10 June 2023, 09:00 – 12:00)			
8 Topical Session and Upcoming Events			
8.1	Actions arising from TRANSSEC-48 Updates on upcoming IAEA events		Ms S. Fayyaz, Scientific Secretary
8.2	Meeting report draft		Mr D. Pstrak
8.3	Next Meeting (Dates 18-22 November, 2024 and tentative Agenda for joint session with NUSSC)		Mr D. Pstrak
8.4	Closing of the meeting		Mr D. Pstrak

List of Major Upcoming Events:

- International Conference on Small Modular Reactors and their Applications: Ensuring Ensuring the Solutions for Safe, Secure, Safeguardable and Sustainable Energy Supply 21-25 Oct 2024, Vienna, Austria
- Packaging and Transportation of Radioactive Material (PATRAM) Symposium, July 27 – August 1, 2025 – San Antonio, Texas (USA)

CSS, SSCs and NSGC Meetings (2024)

CSS 55	28-30 May 2024
EPReSC 18	10-12 June 2024
NUSCC 57	3-7 June 2024
RASSC 56	11-14 June 2024
TRANSSC 48	10-14 June, 2024
TRANSSC 49	18-22 November, 2024
WASSC 57	4-7 June 2024
NSGC-25	11-14 June 2024

Joint Session NSGC-RASSC-TRANSSC (NRT) (Wednesday: 12 June 2024, 09:30– 17:00)			
Boardroom A, M building			
NRT-1: Opening of the meeting			
NRT-1.1	Welcome Remarks		<i>NSNS Director NSRW Director</i>
NRT-1.2	Chairpersons' Remarks		<i>P. Lardiez, NSGC Chair H. Ogino, RASSC Chair D. Pstrak, TRANSSC Chair</i>
NRT-1.3	Administrative arrangements		<i>IAEA Secretariat</i>
NRT-1.4	Adoption of the Agenda	For approval	<i>NSGC, RASSC, TRANSSC Chairs</i>
NRT-2: Review of drafts of joint interest for submission to Member States for 120-day comment (Step 7)			
NRT-2.1	DS513, Leadership, Management and Culture for Safety – (Step-7)	For approval/ clearance	<i>I. Kubanova, NSNI</i>
NRT-2.2	NST070, Information Security for Nuclear Security (NSS No 23-G) (Revision 1) (Step 7)	For approval/ clearance	<i>Mr Mitchell Hewes, NSNS</i>
NRT-3: Update on draft Safety Standards for information			
NRT-3.1	NST053, Security of Nuclear and Other Radioactive Material in Transport (To be published)	For information	<i>J. Chung (TBC), NSNS</i>
NRT-3.2	DS543, Revision of SSR-6, Regulations for the Safe Transport of Radioactive Material (Step 09)	For information	<i>E. Reber, NSRW</i>
NRT-4: Other topics of common interest for the committees			
NRT-4.1	Denial of Shipment of radioactive material: <ul style="list-style-type: none"> – Historical overview – Updates on Denial of Shipment WG (DoSWG) and role of Review Committees: 	For information and discussion	<i>S. Fayyaz, NSRW Paolo Alvano, DoSWG Chair</i>

NRT-4.2	<p>Safety and Security of SMRs and Advanced Novel Reactors</p> <ul style="list-style-type: none"> – Update on IAEA activities related to security of small modular reactors (SMRs) – Update on IAEA activities related to safety of transportable nuclear power plants (TNPP). and SMRs – Update by TRANSSC-WG on TNPP – Applicability of GSR Part 3 and related guidance to Novel Advanced Reactors. – Update on the preparations of the International Conference on Small Modular Reactors and their Applications, 21-25 October 2024 	For information and discussion	<p><i>S. Fayyaz, NSRW</i></p> <p><i>H. Looney, NSNS</i></p> <p><i>R. Boyle, WG Chair (TBC)</i></p> <p><i>O. Guzmán, NSRW</i></p> <p><i>R. Bret, NSNI (to be finalized)</i></p>
NRT-4.3	Briefing on relevant aspects of the derivation of the D-values and A1/A2 values, emphasizing the technical basis for calculations, similarities, and differences	For information and discussion	<p><i>E. Reber, NSRW</i></p> <p><i>J. Chung, NSNS</i></p>
NRT-4.4	Update by the Joint TRANSSC-RASSC Working Group on A ₁ /A ₂ values	For information and discussion	<i>T. Cabianca, Joint WG Chair</i>
NRT-4.5	Safety and security in the trade of commodities	For information	<p><i>O. Guzman, NSRW</i></p> <p><i>G. Nguyen, NSNS</i></p>
NRT-5: Closing of the Meeting			
NRT-5.1	Any other business		<i>NSGC, RASSC, TRANSSC Chairs</i>
NRT-5.2	<p>Dates of Future Meetings</p> <ul style="list-style-type: none"> – NSGC – RASSC-57. Week 09 to 12 December 2024 (Provisional) – TRANSSC-49: 18-22 November 2024 		<i>NSGC, RASSC, TRANSSC Chairs</i>
NRT-5.3	Conclusions of the Meeting		
NRT-5.4	Closing		