

Joint Meeting RID/ADR/AND (WP.15/AC.1) – 21 September - 1 October 2021

Joint Meeting of the RID Committee of Experts and the Working Party on the Transport of Dangerous Goods

<https://unece.org/info/events/event/354456>

Agenda Item	Paper Number	Summary / Comments	Industry Segment
REPORT			

Agenda Item	Paper Number	Summary / Comments	Industry Segment
AGENDAS			
1. Agenda	ECE/TRANS/WP.15/AC.1/161 Provisional agenda for the autumn 2021 session 28 April 2021	Agenda items are as follows: <ol style="list-style-type: none"> 1. Adoption of the agenda. 2. Tanks. 3. Standards. 4. Harmonization with the United Nations Recommendations on the Transport of Dangerous Goods. 5. Proposals for amendments to RID/ADR/ADN. (a) Pending issues; (b) New proposals. 6. Interpretation of RID/ADR/ADN. 7. Reports of informal working groups. 8. Accidents and risk management. 9. Election of officers for 2022. 10. Future work. 11. Any other business. 12. Adoption of the report 	
1. Agenda	ECE/TRANS/WP.15/AC.1/161 Provisional agenda for the autumn 2021 session 21 July 2021	The Addendum contains annotations and a list of documents per agenda items	
1. Agenda	INF.1 List of documents (Secretariat)	List of documents	
1. Agenda	INF.2 List of documents under agenda item (Secretariat)	List of documents under agenda item	

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1. Agenda	INF.22 Provisional timetable for the autumn 2021 session (Secretariat)	This INF. contains the provisional timetable for the session.	
Agenda Item	Paper Number	Summary / Comments	Industry Segment
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BACKGROUND DOCUMENTS			
	<p>ECE/TRANS/WP.15/AC.1/160 Report on the Session held in Bern from 15-19 March 2021</p> <p>ECE/TRANS/WP.15/AC.1/160/Corr.1 Report on the Session held in Bern from 15-19 March 2021 – Corr.1</p> <p>ECE/TRANS/WP.15/AC.1/160 /Add.1 Addendum – Annex I - Report of the Working Group on Tanks</p>		

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WORKING PAPERS

Agenda Item	Paper Number (WP)	Summary / Comments	Industry Segment
2. Tanks	<p>ECE/TRANS/WP.15/AC.1/2021/23 Supplementary information from the informal working group on the inspection and certification of tanks: Proposed amendments to Chapter 6.8 and to sections 1.8.7 and 1.8.6 (United Kingdom) 28 April 2021</p>	<p>At the spring session of the Joint Meeting in March 2021 it was agreed that the proposed amendments in INF.10 (to improve the control and procedures of tank and pressure receptacle inspection bodies) would be converted into this working document (containing the new text for Chapter 6.8 in Annex I, the track changes for sections 1.8.7 and 1.8.6 in Annexes II and III, the transitional measures in Annex IV, and the consequential amendments in Annex V). The document would be submitted and placed on the website soon after the Joint Meeting, and interested delegates are invited to send their written comments to the chair of the informal working group on the inspection and certification of tanks (steve.gillingham@dft.gov.uk) by 17 May 2021 so that the comments can be collated and distributed to the members of the group before their next meeting on 8 and 9 June 2021.</p>	<p>IWG on the inspection and certification of tanks</p>
	<p>ECE/TRANS/WP.15/AC.1/2021/23/Rev1 Supplementary information from the informal working group on the inspection and certification of tanks: Proposed amendments to Chapter 6.8 and to sections 1.8.7 and 1.8.6 (United Kingdom) 14 July 2021</p>	<p>During the meeting the proposals for Chapters 6.8, the transitional measures, and the consequential amendments, together with the consequential amendments and proposals for Chapter 6.2 in document ECE/TRANS/WP.15/AC.1/2021/16 and the amendments proposed in other informal documents submitted to the spring session of the Joint Meeting, were further considered alongside the comments from the delegates of the Joint Meeting. The remaining proposals for sections 1.8.7 and 1.8.6 were set aside due to time constraints to be considered at an additional meeting of the informal working group on 8 and 9 July 2021, during which the revised proposals were further refined as set out in this document.</p>	
4. Harmonization with the UN Recommendations on the TDG	<p>ECE/TRANS/WP.15/AC.1/2021/24 Report of the Ad Hoc Working Group on the Harmonization of RID/ADR/ADN with the United Nations Recommendations on the Transport of Dangerous Goods 22 June 2021</p>	<p>The Ad Hoc Working Group on the Harmonization of RID/ADR/ADN with the United Nations Recommendations on the Transport of Dangerous Goods met in Geneva on 21 to 23 April 2021 under the chairmanship of Mr. C. Pfauvadel (France).</p>	<p>Ad Hoc WG on Harmonization</p>
	<p>ECE/TRANS/WP.15/AC.1/2021/24/Add.1 Report of the Ad Hoc Working Group on the</p>	<p>Draft amendments to RID/ADR/ADN proposed by the Ad Hoc Working Group</p>	

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	<p>Harmonization of RID/ADR/ADN with the United Nations Recommendations on the Transport of Dangerous Goods-Addendum-Draft amendments to RID/ADR/ADN proposed by the Ad Hoc Working Group (Secretariat)</p> <p>22 June 2021</p>		
<p>5.</p> <p>Proposals for amendments to RID/ADR/AND (a)</p> <p>Pending issues</p>	<p>ECE/TRANS/WP.15/AC.1/2021/25</p> <p>Refrigerating machines and heat pumps (IASA)</p> <p>22 June 2021</p>	<p>In accordance with special provision 119, refrigerating machines or, in accordance with special provision 291, up to 12 kg of gas are exempted from the other dangerous goods provisions if they can be assigned to UN number 3358 or UN number 2857. Heat pumps are basically also refrigerating machines, but have exactly the opposite operating principle: instead of cold, these units generate heat.</p> <p>IASA requests the Joint Meeting to confirm that heat pumps with a capacity of up to 12 kg of gas in accordance with special provision 119 or 291 can also be designated as refrigerating machines for the purposes of RID/ADR and can also be exempted by these special provisions</p>	<p>Classification</p> <p>Heat pumps</p> <p>Refrigerating machines</p> <p>SP 119 & 291</p> <p>UN2857 / UN3358</p> <p>UNSCETDG</p>
<p>6.</p> <p>Interpretation of RID/ADR/ADN</p>	<p>ECE/TRANS/WP.15/AC.1/2021/26</p> <p>Clarification on RID/ADR 5.3.2.2.1 - specifications for the orange-coloured plates (United Kingdom)</p> <p>22 June 2021</p>	<p>RID/ADR 5.3.2.2.1 – specification for the orange-coloured plates – states that “The plate shall not become detached from its mount in the event of a 15 minutes’ engulfment in fire.” The United Kingdom would welcome an exchange of views and discussion on the interpretation of this provision.</p>	<p>Discussion</p> <p>Fire resistance</p> <p>Orange panels</p> <p>Road/rail</p>
<p>2.</p> <p>Tanks</p>	<p>ECE/TRANS/WP.15/AC.1/2021/27</p> <p>Clarification on using tanks after the deadline specified for the next test or inspection (UIP)</p> <p>22 June 2021</p>	<p>As Poland has already noted in document ECE/TRANS/WP.15/AC.1/2019/19 for the RID/ADR/ADN Joint Meeting at the spring 2019 session, the operation of tanks whose intermediate inspection has expired is not properly dealt with in the regulations, which leads to this issue being handled in different ways by the authorities. It was not possible to come up with a mutually accepted rule at subsequent sessions of the Joint Meeting either.</p>	<p>Expiry of tank inspection</p> <p>Tanks</p> <p>Use of tanks after date of expiry</p>
<p>4.</p> <p>Harmonization with the UN Recommendations on the TDG</p>	<p>ECE/TRANS/WP.15/AC.1/2021/28</p> <p>Description of the hazard of Class 9 (OTIF)</p> <p>22 June 2021</p>	<p>In the 2011 edition of RID/ADR/ADN, provisions for environmentally hazardous substances were included in 2.2.9.1.10. This harmonised with the 16th revised edition of the UN Model Regulations. (...) The RID/ADR/ADN Joint Meeting (Sept. 2009) decided not to include the addition "including environmentally hazardous substances" in the title of Class 9.</p>	<p>Class 9, Miscellaneous dangerous substances and articles</p>

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		As such, the new labelling tables in 5.2.2.2 should not have included these words.	
2. Tanks	ECE/TRANS/WP.15/AC.1/2021/29 Validity of the provisions on the holding time for refrigerated liquefied gases (UIC) 22 June 2021	In informal document INF.17 of the RID/ADR/ADN Joint Meeting in March 2018, UIC asked whether the provisions for determining the holding time for refrigerated liquefied gases applied to both loaded and empty, uncleaned tank-wagons/tank-containers or only to loaded ones.	Holding time Refrigerated liquefied gases Tank-wagons/tank-containers
5(b). New proposals for amendments to RID/ADR/ADN	ECE/TRANS/WP.15/AC.1/2021/30 Amendment to special provision 668 (IASA) 22 June 2021	Special provision 668 permits the transport of elevated temperature substances for the purpose of applying road markings, without being subject to the requirements of RIDADR, provided that certain conditions are met. Elevated temperature substances for other purposes than road markings are used in the asphalt industry e.g. for sealing and repair of cracks and crevices on road surfaces. The aim of this proposal is to widen the scope of special provision 668, to include the transport of elevated temperature substances used for road repairs.	Elevated temp. substances Road markings vs. road repairs SP668
5(b). New proposals for amendments to RID/ADR/ADN	ECE/TRANS/WP.15/AC.1/2021/31 Activities of in-house inspection services in accordance with RID/ADR 6.2.2.11 and 6.2.3.6.1 (Germany) 30 June 2021	The purpose of this proposal is to clarify for which pressure receptacles the procedures in accordance with RID/ADR 6.2.2.11 and 6.2.3.6.1 may be used by an in-house inspection service.	Inspection Pressure receptacles
5(b). New proposals for amendments to RID/ADR/ADN	ECE/TRANS/WP.15/AC.1/2021/32 Transport of electric energy systems containing lithium ion batteries (Sweden) 28 June 2021	Clarify and develop appropriate transport provisions and conditions for the transport of electric energy systems containing lithium ion batteries by road and rail. It is proposed to insert suitable transport provisions for electric energy systems containing lithium ion batteries.	Li ion batteries Cargo transport unit Trailer UN3536
5(a). Pending proposals for amendments to RID/ADR/ADN	ECE/TRANS/WP.15/AC.1/2021/33 Pressure receptacles approved by the Department of Transportation of the United States of America (OTIF/UNECE) 25 June 2021	Minor amendments are proposed to the new 1.1.4.7 for refillable pressure receptacles approved by the United States of America's Department of Transportation.	US DOT cylinders Shipping papers
2. Tanks	ECE/TRANS/WP.15/AC.1/2021/34	At the March 2021 session of the Joint Meeting, Switzerland proposed to draft an explanatory document on the forthcoming amendments in the field of the inspection and certification of tanks. As requested by the Joint Meeting, a first	Inspection and certification of tanks:

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	<p>Inspection and certification of tanks: explanations on the amendments planned for entry into force on 1 January 2023 (Switzerland)</p> <p>30 June 2021</p>	<p>draft was sent to the participants of the informal working group on the inspection and certification of tanks for their comments. The document presented takes into account the comments received.</p> <p>The summary table describing the areas of activity of the inspection bodies mentioned in Annex I and Annex II will be transmitted at a later date, as the informal working group still has to discuss these items and the conclusions be validated by the Joint Meeting.</p> <p>The Joint Meeting is invited to consider the explanatory document and propose improvement and corrections where it deems necessary. The Joint Meeting is also invited to consider how the explanatory document should be published once finalised, for example as an annex to the report of a future session.</p>	<p>problems & proposed solutions</p> <p>London IWG (part of Tank WG)</p>
7. Reports of informal working groups	<p>ECE/TRANS/WP.15/AC.1/2021/35</p> <p>Update on work of the BLEVE working group (Spain)</p> <p>30 June 2021</p>	<p>Report of the BLEVE working group meetings.</p>	<p>BLEVE prevention</p> <p>BLEVE WG</p> <p>Priorities</p> <ul style="list-style-type: none"> • metallic mudguards • engine fire suppression systems • safety valves
2. Tanks	<p>ECE/TRANS/WP.15/AC.1/2021/36</p> <p>Mandatory fitment of safety valves to tanks carrying flammable liquefied gases (Liquid Gas Europe)</p> <p>30 June 2021</p>	<p>Following on from the decisions taken at the Joint Meeting in Autumn 2020 (see report in ECE/TRANS/WP.15/AC.1/158) relating to the work of the BLEVE working group three measures were prioritised: (a) installation of metallic mudguards, (b) installation of engine fire suppression systems and (c) installation of safety valve(s). The proposals for (a) and (b) are being dealt with by WP.15 and this document therefore sets out proposals only for item (c); the installation of safety valves.</p>	<p>BLEVE prevention</p> <p>BLEVE WG</p> <p>Fire prevention</p> <p>Flammable liquefied gases</p> <p>Safety valves</p> <p>Tank-containers</p>
5(b). New proposals for amendments to RID/ADR/ADN	<p>ECE/TRANS/WP.15/AC.1/2021/37</p> <p>Paints and printing inks classified as environmentally hazardous substance of UN 3082 and the requirements for performance tests (CEPE)</p>	<p>At the last session of the RID/ADR/ADN Joint Meeting in March 2021 CEPE submitted informal document INF.17, which described the issue of paints becoming classified as environmentally hazardous substances due to the implementation of the fifteenth Adaptation to Technical Progress (ATP) of the European Union Regulation on</p>	<p>Biocides Classification of paints as EHS</p> <p>Packaging</p> <p>Transition period</p>

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		Classification, Labelling and Packaging of substances and mixtures (CLP Regulation). The representative of CEPE was requested to prepare a revised proposal for consideration as an official document (see paragraph 36 of the report ECE/TRANS/WP.15/AC.1/160).	
3. Standards	ECE/TRANS/WP.15/AC.1/2021/38 Information on work of the Working Group on Standards (CEN)	Following the cooperation agreement between CEN/CENELEC and the Joint Meeting (see ECE/TRANS/WP.15/AC.1/122/Add.2, as amended by ECE/TRANS/WP.15/AC.1/130, Annex III and ECE/TRANS/WP.15/AC.1/158, Annex III), the CEN-CENELEC Management Centre (CCMC) has proposed standards for referencing in the RID/ADR.	WG on Standards Drafting / revision of standards
5(b). New proposals for amendments to RID/ADR/ADN	ECE/TRANS/WP.15/AC.1/2021/39 Amendment of RID/ADR 1.1.3.2(e) (Ireland)	RID/ADR 1.1.3.2 (e) permits the transport of gases contained in the special equipment of wagons or vehicles carried as a load / vehicles and necessary for the operation of this special equipment during the carriage, such as fish tanks, without being subject to the requirements of RID/ADR. The aim of this proposal is to widen the scope of 1.1.3.2 (e) to also include gases contained in special equipment carried as a load. Amend RID/ADR 1.1.3.2 (e) so that the transport of gases contained in special equipment carried as a load are not subject to the requirements of RID/ADR.	Exemption Gases Fish tanks Oxygen
5(a). Pending proposals for amendments to RID/ADR/ADN	ECE/TRANS/WP.15/AC.1/2021/40 Orange coloured plate marking of wagons and vehicles carrying tanks or containers with a low capacity (Switzerland) Signalisation orange des wagons et véhicules transportant des citernes ou des conteneurs de faible capacité (Suisse) French original	At its autumn 2020 session, the Joint Meeting adopted an amendment to the note to paragraph 5.3.2.1.5 (see annex II to the report ECE/TRANS/WP.15/AC.1/158). The note, as amended, reads as follows: <i>“NOTE: This paragraph need not be applied to wagons/vehicles carrying bulk containers, tanks and MEGCs with a maximum capacity of 3 000 litres.”</i> 2. The decision to extend this exemption from marking to all types of wagons and motor vehicles was based on the fact that carriage in tanks or containers with a low capacity could be treated as carriage of dangerous goods in packages.	Containers for carriage in bulk Marking & placarding
3. Standards	ECE/TRANS/WP.15/AC.1/2021/41 Information on the difficulties in applying a standard cited in Chapter 6.2	Ce document vise à informer la Réunion commune sur les difficultés d'application d'une norme d'application obligatoire citée au chapitre 6.2.	Cylinders Standards

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	Information sur les difficultés d'application d'une norme citée au chapitre 6.2 (France) French original	Prise de décisions concernant les actions à entreprendre en lien avec le Groupe de travail des normes et le Comité européen de normalisation (CEN).	
2. Tanks	ECE/TRANS/WP.15/AC.1/2021/42 Filling degree of substances carried at and above 50 0C (Netherlands)	The requirements concerning the filling degree of substances above 50 °C do not represent the practice. It is proposed to amend 4.3.2.2.3 in line with 4.2.1.9.5. Related documents: Informal document INF.12 of the March 2021 session of the RID/ADR/ADN Joint Meeting and paragraphs 19 to 21 of ECE/TRANS/WP.15/AC.1/160/Add.1.	Elevated °T materials Filling limits Molten substances Road Tanks
2. Tanks	ECE/TRANS/WP.15/AC.1/2021/43 Development of the requirements on fibre-reinforced plastics (FRP) tanks (France)	Following document ECE/TRANS/WP.15/AC.1/2021/5, France proposed in document ECE/TRANS/WP.15/AC.1/HAR/2021/3 to adapt the existing requirements of RID/ADR Chapter 6.9 to technical developments in this area on the basis of the requirements adopted for the Model Regulations. With the introduction of the new Chapter 6.9 for FRP portable tanks, the existing RID/ADR Chapter 6.9 would become Chapter 6.13. During the discussion of the Ad Hoc Working Group on Harmonization on this issue, it was recommended to avoid duplication of text and refer to some requirements of the new Chapter 6.9. The following proposal is based on ECE/TRANS/WP.15/AC.1/HAR/2021/3 revised to take this principle into account.	Construction requirements FRP tanks Harmonization
5(b). New proposals for amendments to RID/ADR/ADN	ECE/TRANS/WP.15/AC.1/2021/44 Packagings, discarded, empty, uncleaned (UN No. 3509) (Italy) Emballages au rebut vides, non nettoyés (UN 3509) (Italie) French original	Carriage in a transport chain including maritime carriage is regulated under 1.1.4.2. However, other provisions relating to maritime transport are contained, for example, in special packing provision B13 of packing instruction IBC08. In the IMDG Code, for UN No. 3509, in column (6), special provision 968 is indicated, and in column (17) it states: "This entry must not be used for sea transport. Discarded packaging shall meet the requirements of 4.1.1.11." It is proposed to add the following note after 2.1.6, after SP 663 and in P0003 (RR9) of ADR: "NOTE: This UN number shall not be used for carriage in a transport chain including maritime carriage."	UN 3509 Harmonization ADR: IBC08 & B13 IMDG Code: SP 968

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<p>11. Other business</p>	<p>ECE/TRANS/WP.15/AC.1/2021/45 Request for consultative status by the European Recycling Industries' Confederation (EuRIC) (Secretariat)</p>	<p>At its session in autumn 2020, the Joint Meeting noted the request for consultative status by EuRIC but deferred the discussion to the March 2021 session due to lack of time.</p> <p>At the spring 2021 session, the Joint Meeting considered informal document INF.31 with details on their status, membership and activities. It was agreed to invite the representative of EuRIC to participate in the September 2021 session.</p>	<p>Consultative status</p>
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INFORMAL PAPERS

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1. Agenda	INF.1 List of documents (Secretariat)	List of documents	
1. Agenda	INF.2 List of documents under agenda item (Secretariat)	List of documents under agenda item	
2. Tanks	INF.3 Special Provision TT4 of 6.8.4 (d) in RID (Netherlands)	This provision is applicable to both tank-wagons and tank-containers. Where tank-wagons are used on railways only, tank-containers are designed for, and used in the other modes of transport as well. In use this provision in RID can be confusing if a tank-container is used in multimodal transport including transport by rail. This can lead to questions: “When the tank-container must be checked if it is inspected in accordance with this provision and who is responsible for the inspection and the check?”	
6. Interpretation of RID/ADR/ADN	INF.4 Interpretation issue concerning special provision 249 and transport related to the recycling of lighters (France)	The government of France has been made aware about an issue related to the carriage of flints coming from flint lighters. 2. The flint lighters are subject to recycling procedures were the different parts are detached and transported separately. 3. It happens that the flints themselves may belong to UN No. 1323 FERROCERIUM and must be carried under that entry. 4. Special provision 249 indicates that Ferrocერიum stabilized against corrosion, with a minimum iron content of 10 % is not subject to requirements of RID/ADR. 5. However, RID/ADR does not provide more information about the criteria related to the stabilisation against corrosion.	
2. Tanks	INF.5 Comments on document ECE/TRANS/WP.15/AC.1/2021/36 - Mandatory fitting of safety valves to tanks carrying flammable liquefied gases (CTIF)	The CTIF appreciates the initiative to reduce the likelihood of BLEVE occurring by full fire engulfment and supports the proposals proposed by the BLEVE working group, namely (a) installation of metallic mudguards, (b) installation of engine fire suppression systems and (c) installation of safety valve(s).	
2. Tanks	INF.6 Non-destructive testing according to 6.8.2.1.23 (CLCCR)	Clarification of the weldseam tests required in 6.8.2.1.23 is needed as certain advanced designs (newly permitted under 6.8.2.1.18) require alternative test methods.	
6. Interpretation of RID/ADR/ADN	INF. 7 Competent authority approvals for organic peroxides and	Clarify the term “not listed” in the self-reactive substances and organic peroxide tables in relation to competent authority approvals and the “country of origin”.	

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	self-reactive substances not listed and interpretation of “not listed” and “country or origin” (Cefic)		
5(a). Proposals for amendments to RID/ADR/AND: pending issues	INF.8 Update on ECE/TRANS/WP.15/AC.1/2020/9 on test periods for battery vehicles filled in accordance with packing instruction P200 (EIGA)	At the autumn 2020 session of the Joint Meeting, EIGA presented ECE/TRANS/WP.15/AC.1/2020/9 concerning extending test periods for battery vehicles filled with certain gases in accordance with packing instruction P200. The European Cylinder Makers Association (ECMA) presented ECE/TRANS/WP.15/AC.1/2020/50 in response to ECE/TRANS/WP.15/AC.1/2020/9.	
4. Harmonization with the UN Recommendations on the TDG	INF.9 Additional proposal concerning harmonization with the United Nations Recommendations on the Transport of Dangerous Goods (EIGA)	The informal working group on “Provisions on equipment for tanks and pressure receptacles” lead by EIGA submitted official document ECE/TRANS/WP.15/AC.1/2020/65 to the RID/ADR/ADN Joint Meeting held in September 2020 giving proposals for consequential amendments to RID/ADR to align with the provision on pressure receptacles and their closures adopted by the UN Sub-Committee of Experts on the Transport of Dangerous Goods. Document ECE/TRANS/WP.15/AC.1/2021/24 records that these proposals were adopted by the ad hoc working group on harmonization.	
2. Tanks	INF. 10 Comment on document ECE/TRANS/WP.15/AC.1/2021/27 - Clarification on using tanks after the deadline specified for the next test or inspection (Poland)	In relation to document ECE/TRANS/WP.15/AC.1/2021/27 presented by the International Union of Wagon Keepers (UIP) on the use of tanks after the date specified for the next test or inspection, Poland presents a position on this matter.	
2. Tanks	INF. 11 Request of UIP on behalf of CEN TC 296 WG 3 Qualification for welding – Interpretation of EN 14025 (UIP)	During the revision of EN 14025 “Design and Construction of Tanks”, which is referenced in RID/ADR it was presented that: EN ISO 15614 dealing with “Qualification for Welding” when it was developed as an ISO standard, two levels have been created. In the introduction of this standard, it is to be read: Level 1 is based on ASME and Level 2 is based on earlier European Standards	
3. Standards	INF. 12 Comments and decisions of the Working Group on Standards (CEN)	This paper lists the summary comments of the Joint Meeting Standards Advisor and the comments and decisions of the Working Group on Standards that were agreed at its virtual meeting of the Working Group during its meeting on 2nd September 2021.	
3. Standards	INF. 13 Clarification of the requirements for the application of standards in Chapters 6.2 and 6.8 (CEN)	At the previous Joint Meeting CEN commented in INF.13 that the paragraphs introducing the tables of standards in Chapters 6.2 and 6.8 were not very clear and had been misunderstood sometimes. The proposed text changes were illustrated with amendments to	

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		6.2.4 with an indication that equivalent changes would be proposed for Chapter 6.8 at the next Joint Meeting.	
4. Harmonization with the UN Recommendations on the TDG	INF. 14 Transitional measures for electronic detonators (Sweden)	During its recent session in July, the Sub-Committee decided to extend the transitional period of electronic detonators until 30 June 2025 and this provision is introduced in a new special provision 399 (see paragraph 15 of the report ST/SG/AC.10/C.3/116).	
3. Standards	INF. 15 Report of the Standards Working Group (33rd meeting)	The Working Group on Standards held a virtual meeting on 2nd September 2021 when it reviewed the standards listed in document ECE/TRANS/WP.15/AC.1/2021/38. It also discussed a revised version of the draft proposals to improve the text introducing the standards tables in 6.2.4, 6.8.2.6 and 6.8.3.6 and document ECE/TRANS/WP.15/AC.1/2021/41 from France.	
5(a). Proposals for amendments to RID/ADR/AND: pending issues	INF. 16 Amendment to the note limiting the application of EN ISO 18119 :2018 (EIGA)	At the Joint Meeting held in September 2020 EIGA introduced its document ECE/TRANS/WP.15/AC.1/2020/63 requesting that the note which appear in the reference to EN ISO 18119:2018 should be deleted. The European Cylinder Manufacturers Association submitted document INF.50 arguing that the note should be retained. EIGA supplemented its case by a further explanation in INF.51.	
2. Tanks	INF. 17 Complement to Annex I of document ECE/TRANS/WP.15/AC.1/2021/34: summary table describing the areas of activity of the inspection bodies (Switzerland)	Document ECE/TRANS/WP.15/AC.1/2021/34 provides explanations on the proposed amendments to sections 1.8.6 and 1.8.7 as well as chapter 6.8 of RID/ADR, relating to the inspection and certification of tanks. The proposed amendments are published in document ECE/TRANS/WP.15/AC.1/2021/23/Rev.1.	
5(a). Proposals for amendments to RID/ADR/AND: pending issues	INF. 18 Amendments to transitional measures (secretariat)	The Joint Meeting may wish to consider the deletion or the modification of the following transitional measures in RID/ADR/ADN 2023: 1.6.1.41, 1.6.1.44, 1.6.1.46, 1.6.2.16.	
4. Harmonization with the UN Recommendations on the TDG	INF. 19 Outcome of the fifty-eighth session of Sub-Committee of Experts on the Transport of Dangerous Goods (secretariat)	During the fifty-eighth session of the Sub-Committee, the secretariat presented document ST/SG/AC.10/C.3/2021/29 with proposals of amendments and corrections to the UN Model Regulations made by the Ad Hoc Working Group on the Harmonization of RID/ADR/ADN with the UN Recommendations on the Transport of Dangerous Goods (Harmonization Working Group). This document also contained miscellaneous proposals of	

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		corrections of typos identified after publication of the twenty-second revised edition of the Model Regulations.	
6. Interpretation of RID/ADR/ADN	INF. 20 Section 1.5.1 of RID/ADR/ADN Multilateral agreements (Germany)	Germany had submitted to the ADN Safety Committee at its 38th session the proposal to make multilateral agreements concluded in accordance with RID/ADR and referring to the provisions of Parts 4 and 6 automatically applicable also within the scope of ADN. The proposal was prompted, among other things, by Multilateral Agreement M337, which was concluded within the framework of dealing with the coronavirus pandemic: M337 – Periodic or intermediate inspections of tanks in accordance with 6.8.2.4.2, 6.8.2.4.3, 6.8.3.4.6, 6.8.3.4.12, 6.9.5.2 and 6.10.4 of ADR (M325).	
4. Harmonization with the UN Recommendations on the TDG	INF.21 Transitional measures on ECE/TRANS/WP.15/AC.1/2021/24 and Add/1 on the Harmonization of RID/ADR/ADN with the United Nations Recommendations on the Transport of Dangerous Goods (EIGA)	EIGA would like to like to bring to the discussion several provisions which could need transitional measures: <ul style="list-style-type: none"> • 6.2.1.5.2 (new testing and inspection during and after manufacture): The existing closed cryogenic receptacles do not necessarily comply with these new provisions. These should be exempted. • 6.2.2.7.3 (k) and (l) (new marking of acetylene cylinders): This new provision is aligned with current ISO 13769, but time is needed to implement this new marking on existing cylinders. This shall be done during next retest of cylinder package in service. • 6.2.2.11 (new marking of closures): The existing closures do not have this marking and should be exempted. 	
1. Agenda	INF. 22 Provisional timetable for the autumn 2021 session (secretariat)	The provisional timetable for the session is as follows:	
2. Tanks	INF. 23 Tanks: Interpretation of RID / ADR 6.8.2.2.11 (United Kingdom)	The United Kingdom would welcome an exchange of views on the requirements of RID/ADR 6.8.2.2.11 and consideration as to whether an amendment might be appropriate	
4. Harmonization with the UN Recommendations on the TDG	INF. 24 Amendments to document ECE/TRANS/WP.15/AC.1/2021/24/Add.1 (OTIF)	The following corrections are suggested to the amendments proposed in document ECE/TRANS/WP.15/AC.1/2021/24/Add.1. These proposals result partly from an editorial and translation conference of the German speaking states that was held from 16 to 20 August 2021.	

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3. Standards	INF. 25 Comments on ECE/TRANS/WP.15/AC.1/2021/41 (CEN)	The expert of France transmitted ECE/TRANS/WP.15/AC.1/2021/41. This paper raised a number of issues concerning EN ISO 11118:2015 Gas cylinders – Non-refillable metallic gas cylinders – Specification and test methods.	
5(b). New proposals for amendments to RID/ADR/ADN	INF. 26 Supplementary information from the European Council for the Paint, Printing Ink and Artists' Colours Industry (CEPE) on document ECE TRANS/WP.15/AC.1/2021/37 (CEPE)	Regulation (EC) No 1272/2008 on the classification, labelling and packaging of substances and mixtures (CLP Regulation), provides a period of eighteen months for companies to make labelling changes in response to a change in classification. Most recently the fifteenth ATP to the CLP Regulation has adopted changes in classification which will mean that products containing more or equal than 0.025 % of the preservatives 4,5-dichloro-2-octyl-2H-isothiazol-3-one (DCOIT), octhilonone (OIT) and zinc pyrithione (ZnPT) will be classified as environmentally hazardous.	
2. Tanks	INF. 27 Vacuum-operated waste tanks: Non-electrical explosion protection (Germany)	In the opinion of Germany, non-electrical explosion protection for certain vacuum pumps/exhauster units should be regulated too	
2. Tanks	INF. 28 Informal working group on the inspection and certification of tanks: Comments on document ECE/TRANS/WP.15/AC.1/2021/23/Rev.1 (Germany)	Germany supports the proposals of the informal working on the inspection and certification of tanks. The draft text as presented in document ECE/TRANS/WP.15/AC.1/2021/23/Rev.1 was reviewed with experts from the inspection services. As a result, a few amendments are proposed. New text is shown underlined and deletions are struck through. The justification is given below each proposal.	
2. Tanks	INF. 29 Proposals on mandatory fitment of safety valves to tanks carrying flammable liquefied gases – Document ECE/TRANS/WP.15/AC.1/2021/36 (EIGA)	EIGA supports Proposals 1 and 3 in document ECE/TRANS/WP.15/AC.1/2021/36. 2. EIGA is not in agreement with Proposal 2. In the current regulations, the marking of the letter “S” is used to indicate that shells or compartments are divided by surge plates, see 6.7.2.20.1 and 6.8.2.5.1. An example of such a mark is given below.	
5(b). New proposals for amendments to RID/ADR/ADN	INF. 30 Comments on activities of in-house inspection services in accordance with RID/ADR 6.2.2.11 and 6.2.3.6.1 – Document ECE/TRANS/WP.15/AC.1/2021/31 (EIGA)	Document ECE/TRANS/WP.15/AC.1/2021/31, transmitted by the Government of Germany, proposes to limit the operation of in-house inspection services (IS) to periodic inspection of pressure receptacles owned and operated by the applicant.	
4. Harmonization with the UN	INF. 31	The following corrections are suggested to the adopted texts of the RID/ADR/ADN Joint Meeting (Bern, 15-19 March 2021) in document	

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Recommendations on the TDG	Amendments to report ECE/TRANS/WP.15/AC.1/160 (OTIF)	ECE/TRANS/WP.15/AC.1/160, annex II. These proposals result partly from an editorial and translation conference of the German speaking states that was held from 16 to 20 August 2021.	
2. Tanks	INF. 32 Tanks: Feed-back on the Ad-hoc working group on automatic closing stop-valves on connections to the vapour phase on cryogenic tanks carrying flammable gases (LNG/LH2) (Chair of the Ad-hoc working group)	The Chair of the ad-hoc working group regrets to notify that it was not possible to find a suitable time and date for an initial meeting with appropriate participation. The inability to find the date is due to a more than full meeting agenda for most experts and the holiday season. A new poll for a suitable date will be sent shortly, for the October/November 2021 period. Experts that wish to attend but have not received the poll may contact Mr. Webb (WEBBAP@airproducts.com).	
5(b). New proposals for amendments to RID/ADR/ADN	INF. 33 Inclusion of UN Nos. 1011, 1075, 1969 and 1978 in 6.2.3.9.4 in RID/ADR (Liquid Gas Europe)	Clause 6.2.3.9.4 states: "The marks specified in 6.2.2.7.3 (g) and (h) and 6.2.2.7.4 (m) are not required for pressure receptacles for UN No. 1965 hydrocarbon gas mixture, liquefied, n.o.s."	
6. Interpretation of RID/ADR/ADN	INF. 34 Clarification on the UN Model Regulations (and ADR) 6.2.2.7.5 – placement of cylinder marking groups (WLPGA/Liquid Gas Europe)	6.2.2.7.5 requires that the manufacturing, operational and certification marks shall be placed in three groups and the example shows that the three groups are placed in a single group. However, that is shown as an example and the LPG industry has followed the guidance in ISO13769 and placed the groups of marks in separate locations. Some inspection bodies are following the example shown in 6.2.2.7.5 and are requiring all of the three groups of marks to be placed together, whereas other inspection bodies allow the three groups of marks to be placed in separate locations.	
2. Tanks	INF. 35 Comments on ECE/TRANS/WP.15/AC.1/2021/23/Rev.1 (France)	Following some comments from EU Members States, concerns have been raised that parts of the proposal contained in document ECE/TRANS/WP.15/AC.1/2021/23/Rev.1 may contradict existing EU legislation, in particular Directive 2010/35/EU. To avoid difficulties that could lead, for EU Member States, to the legal impossibility to adopt the proposal, and in order not to loose all the progress made by the informal working group, France would like to propose some clarification in a Note replacing the current note under 6.8.1.5.5. The new Note would be better placed under 6.8.1.5 as drafted in proposal 1 and would clarify that no conflict may occur between regulations. We hope that this will help facilitating the discussions in the Joint Meeting.	

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<p>5(b). New proposals for amendments to RID/ADR/ADN</p>	<p>INF. 36 Amendment of RID/ADR 1.1.3.2(e) (United Kingdom)</p>	<p>In document ECE/TRANS/WP.15/AC.1/2021/39 the Government of Ireland has brought forward a proposal to exempt special equipment containing gases necessary for the operation of the equipment when carried as a load in RID/ADR. They demonstrate from the carriage of these items by air, over many years, that this is a safe practice.</p>	
<p>5(b). New proposals for amendments to RID/ADR/ADN</p>	<p>INF. 37 Multilateral Agreement initiated by Norway concerning environmentally hazardous substances of UN 3082 and the requirement for performance testing of the packaging (INF.37)</p>	<p>In relation to document ECE/TRANS/WP.15/AC.1/2021/37 and INF.26 on paints and printing inks classified as environmentally hazardous substance of UN 3082 due to the implementation of the fifteenth Adaptation to Technical Progress (ATP) of the CLP Regulation, the Competent Authority of Norway has initiated multilateral agreements RID7/2021 and M341 for RID and ADR, respectively.</p>	
<p>2. Tanks</p>	<p>INF. 38 Comments on document ECE/TRANS/WP.15/AC.1/2021/23/Rev.1: transitional measures in relation to the recognition of inspection bodies (Switzerland)</p>	<p>In this document, Switzerland presents its interpretation of the two transitional measures proposed in annex V of document ECE/TRANS/WP.15/AC.1/2021/23/Rev.1 (amendments proposed by the informal working group on inspection and certification of tanks). The interpretation of these new texts raise a number of questions.</p>	
<p>4. Harmonization with the UN Recommendations on the TDG</p>	<p>INF. 39 Transitional measures on ECE/TRANS/WP.15/AC.1/2021/24 and Add.1 on the Harmonization of RID/ADR/ADN with the United Nations Recommendations on the Transport of Dangerous Goods (EIGA)</p>	<p>EIGA like to propose transitional measures:</p> <p>1.6.2.xx Closed cryogenic receptacles constructed before 1 July 2023 which were subject to the initial inspection and test requirements of 6.2.1.5.2 applicable until 31 December 2022 may continue to be used.</p> <p>1.6.2.yy Acetylene cylinders constructed before 1 July 2023 which are not marked in accordance with 6.2.2.7.3 (k) and (l) applicable from 1 January 2023 may continue to be used until the next periodic inspection after 1 July 2023.</p> <p>1.6.2.zz Closures of refillable pressure receptacles constructed before 1 July 2023 which are not marked in accordance with 6.2.2.11 or 6.2.3.9.8 applicable from 1 January 2023 may continue to be used.</p>	
<p>2. Tanks</p>	<p>INF.40 Corrigendum to ECE/TRANS/WP.15/AC.1/2021/23/Rev.1 (UK)</p>	<p>Supplementary information from the informal working group on the inspection and certification of tanks: Proposed amendments to Chapters 6.8 and 6.2, sections 1.8.7 and 1.8.6, plus transitional measures and consequential amendment</p>	

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2. Tanks	INF.41 Comments on document ECE/TRANS/WP.15/AC.1/2021/27 – Clarification on using tanks after the deadline specified for the next test or inspection (UK)	Following recent discussions in the Working Group on Tanks, the United Kingdom welcomes working document ECE/TRANS/WP.15/AC.1/2021/27 from the UIP which seeks primarily to clarify the permitted use of tanks during the three month period after the date specified for the intermediate inspection.	
2. Tanks	INF.42 Comments on ECE/TRANS/WP.15/AC.1/2021/23/Rev.1 Supplementary information from the informal working group on the inspection and certification of tanks: Proposed amendments to Chapters 6.8 and 6.2, sections 1.8.7 and 1.8.6, plus transitional measures and consequential amendment (UK)	During discussions on the proposed amendments to 6.2.2.11 and 6.2.3.6.1 some concerns were expressed about the activities of in-house inspection services. As a result, the proposals for 6.8.1.5.3 on supervision of manufacture and 6.8.1.5.4 on initial inspection and tests to allow a manufacturer of service equipment to use an in-house inspection service (IS) were placed in [square brackets] pending further discussion at the Joint Meeting.	
2. Tanks	INF.43 Comment on the requirements of 6.8.1.5.6 proposed in document ECE/TRANS/WP.15/AC.1/2021/23/Rev.1	In 6.8.1.5.6 of document ECE/TRANS/WP.15/AC.1/2021/23/Rev.1, left column (ADR:), it is required that intermediate, periodic or exceptional inspections shall be performed in the country of registration by an inspection body approved or recognized by the competent authority of that country.	
5(a). Pending proposals for amendments to RID/ADR/ADN	INF.44 - Supplement to ECE/TRANS/WP.15/AC.1/2021/40: containers for carriage in bulk (Switzerland)	In document ECE/TRANS/WP.15/AC.1/2021/40, Switzerland proposed to amend the note to 5.3.2.1.5 RID/ADR/ADN adopted by the Joint Meeting in autumn 2020 (see annex II to the report ECE/TRANS/WP.15/AC.1/158). The Joint meeting agreed in principle with the proposal to use the generic term "containers for carriage in bulk" in the note based on the assumption that this includes both bulk containers according to Chapter 6.11 (BK codes) and containers that are not necessary bulk containers, but conform to the VC codes and the additional provisions AP.	
5(b). New proposals for amendments to RID/ADR/ADN	INF.45 - Refrigerating machines and heat – Revision of document ECE/TRANS/WP.15/AC.1/2021/25 (IASA)	It is proposed to include a Note at the end of special provisions 119 & 219 to read as follows: "NOTE: For the purposes of carriage, heat pumps are considered as refrigerating machines."	