Transport of Dangerous Goods

Inland Transport Committee
Seventy-sixth session

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UN regulatory framework: ECOSOC

Committee of Experts on the Transport of Dangerous Goods:

- Established in 1953 to elaborate recommendations:
- Reconfigured in 1999 and renamed as:

  Committee of Experts on the Transport of Dangerous Goods (TDG) and on the Globally Harmonized System of Classification and Labelling of Chemicals (GHS)
UN regulatory framework: ECOSOC

ECOSOC

Committee of Experts on the Transport of Dangerous Goods and on the Globally Harmonized System of Classification and Labelling of Chemicals

Sub-Committee of Experts on the TDG

Recommendations on the Transport of Dangerous Goods - Model Regulations

Sub-Committee of Experts on the GHS

Globally Harmonized System of Classification and Labelling of Chemicals
• Cover:
  – Hazard classification (acute and chronic effects): Physical, health and environmental hazards
  – Hazard communication (labels, SDS)
• Address chemicals during handling, transport, supply and use
• Designed to allow self-classification (no list of chemicals)
• Allow application of its elements following a “building block approach”
UN Model Regulations

- Reflect GHS provisions relevant for transport
- Contain all necessary provisions concerning:
  - classification and identification of dangerous goods
  - packing conditions (including standards for packaging and tank construction)
  - labelling, marking and placarding of packages and transport equipment
  - transport documentation
- Only provisions relevant for all transport modes
- Allow direct integration into modal/national/international regulations
  - facilitate updating
  - enhance harmonization
  - reduce administrative burden (resource savings)
  - increase user-friendliness
2013 Achievements

- Secretariat published new versions of the UN Recommendations on TDG (18th revised edition)
- ECOSOC adopted resolution 2013/25, 25 July 2013
  See informal document ITC (2014) No 8
  - Invites governments / IOs to implement
  - Seeks feedback
  - Programme of work 2013/2014
- ECOSOC Sub-Committees met twice in 2013 accordingly
Updating of the modal regulations

UNMR Rev.18
(adopted in Dec. 2012)

IMO

ICAO

RID/ADR/ADN Joint Meeting
(WP.15/AC.1)

OTIF

WP.15

WP.15/AC.2

Provisions implemented as from January 2015
RID/ADR/ADN Joint Meeting (WP.15/AC.1)

- Proposed amendments to RID/ADR/ADN on the basis of UN Rev.18 (Harmonization)
- Cooperated with CEN (checking conformity of draft EN standards and references thereto in RID/ADR/ADN)
- Developed amendments specific to RID/ADR/ADN, e.g.
  - Carriage of lithium batteries for disposal or recycling
  - Carriage of discarded empty uncleaned packagings
  - Tanks with additive devices as part of service equipment
  - Carriage in bulk (revised provisions)
- Validated a general architecture for further development of its work on telematics
- Started testing an accident/incident database hosted by the secretariat for archiving Contracting Parties data collected under the RID/ADR/ADN mandatory reporting system, for future use as a risks analysis tool
• Future work (2014)
  – Routine work on miscellaneous proposals of amendments
  – Cooperation with CEN/CENELEC (standards)
  – Tanks
  – Reduction of the risk of a BLEVE
  – Use of UN Flexible Bulk Containers in European inland TDG
  – Telematics, with links to more general work on ITS, and possible regulatory framework in 2019
  – Accident/Incident database
• Checked amendments proposed by the RID/ADR/ADN Joint Meeting and possible consequence specific to ADN
• Developed new provisions specific to ADN
  – Means of evacuation
  – Harmonized checklists
  – Carriage of LNG
  – Derogations for use of LNG as fuel
• Consideration of application by RINA for Recommended Classification Society
• All recommended amendments (1/1/2015) and derogations approved by ADN Administrative Committee (ECE/ADN/26)
• Future work
  – 4 informal WGs: Substances; Training; Degassed cargo tanks; Protection against explosion
  – Application by RINA
  – Ongoing process to optimize ADN and fill the gaps
Working Party on the TDG (WP.15)

- Checked amendments proposed by the RID/ADR/ADN Joint Meeting and possible consequence specific to ADR
- Developed new provisions specific to ADR
  - Vehicle equipment (fire extinguishers)
  - Training of drivers (scope of exemptions, certificates)
  - Orange plate marking
- Secretariat published the ADR road map on accession and implementation
  - Electronic version available on the website
  - Useful for countries wishing to become Contracting Parties to ADR
  - Useful for Contracting Parties to ADR (implementation issues and observance of the rules and related administrative procedures)
- Future work
  - Secretariat to consolidate final list of amendments and ADR 2015
  - Implementation of ADR
  - Miscellaneous amendments as necessary
  - Review of vehicle electrical equipment requirements
  - Use of LNG or CNG as fuel
Thank you for your attention

http://www.unece.org/trans/danger/danger.html