Transport of Dangerous Goods

Mechanisms for the Development and Harmonization of Dangerous Goods Regulations

Sabrina Mansion – Secretary of WP.15
Dangerous Goods and Special Cargoes Section
Transport Division, United Nations Economic Commission for Europe (UNECE)
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ECOSOC Committee of experts on the TDG and on the GHS (1)

- 36 Members
- Observer countries (No voting rights)
- Two sub-Committees
  - Sub-Committee of Experts on the TDG (27 Members)
  - Sub-Committee of Experts on the GHS (32 Members)
- Intergovernmental organizations (≈15):
  - IMO, ICAO, WHO, ILO, OTIF, etc.
- NGOs (≈40):
  - Chemical/petroleum/gas industry: ICCA, CEFIC, EIGA, AEGPL, FEA
  - Transport: FIATA, IATA, IRU, UIC
  - Packaging/tanks: ECMA, ICDM, ISO
  - Vehicles: OICA, CLEPA
ECOSOC Committee of experts on the TDG and on the GHS (2)

- Working cycle: 2 years
- Biennium starts odd years (2005, 2007, 2009,…)
- TDG Sub-Committee meets twice a year: July, December
- GHS Sub-Committee meets twice a year: July, December
- Committee meets only once at end of biennium (December 2006, 2008, …)
- Committee endorses recommendations of both Sub-Committees (TDG and GHS)
Harmonization instruments

“Orange Book”: Recommendations on the Transport of Dangerous Goods

“Purple Book”: Globally Harmonized System of classification and labelling of chemicals (GHS)
Transport of Dangerous Goods

Before the Model Regulations  After the Model Regulations
Harmonization instruments (1): UN Model Regulations “Orange Book”

- Reformatted into the form of model regulations annexed to a set of basic recommendations
  - Direct integration into modal, national and international regulations
  - Easier updating
  - Enhanced harmonization
  - Resource savings
  - User-friendliness

- Reformatting adopted by the UN Committee of Experts on the TDG in December 1994

- First version of the Model regulations annexed to the 10th revised edition of the Recommendations in 1997
Harmonization instruments (2): UN Model Regulations “Orange Book”

(7 parts)

1. General
2. Classification
3. List of Dangerous Goods
4. Use of packagings/Gas receptacles/Tanks
5. Consignment procedures (Labelling, Marking, Documentation)
6. Construction, testing and approval of packagings/tanks
7. Transport operations
Harmonization instruments (3): UN Model Regulations “Orange Book”

Addressed to:

- Governments → National regulations
- International Org. → International regulations
  - IMO → IMDG Code
  - ICAO → ICAO Technical Instructions (IATA: IATA Regulations)
  - UNECE → RID/ADR/ADN
- European Union → Directives

THESE INSTRUMENTS FOLLOW the same structure AND IMPLEMENT the provisions contained in THE MODEL REGULATIONS
International instruments administered within UNECE

UN ECONOMIC COMMISSION FOR EUROPE

INLAND TRANSPORT COMMITTEE (ITC)
WORKING PARTY ON THE TRANSPORT OF DANGEROUS GOODS (WP.15)

WP.15

Road

ADR

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

Rail/Road/
Inland Waterways

RID/ADR/ADN

WP.15/CCNR
(WP.15/AC.2 and -/AC.3)

Inland Waterways

ADN
**SCOPE**

- International transport
- National transport
- RID/ADR annexed to EC Directives
- New EC Directive will also refer to ADN

**STRUCTURE**

- **Part 1:** Specific to European legislative context
- **Parts 2-6:** Same structure as UN Model Regulations
  - Adapted to European context and supplemented e.g.:
  - UN tanks: worldwide
  - RID/ADR tanks: Europe only
- **Part 7:** Specific to European legislative context
- **Parts 8-9:** Specific to mode of transport (ADR/ADN)
ADR

AGREEMENT:
• Done on 30 September 1957
• Entered into force on 29 January 1968
• 43 Contracting Parties

ANNEXES A AND B:
• Regularly amended since 1968
• Now amended every two years on the basis of UN Recommendations on the Transport of Dangerous Goods
• Latest edition in force since 1 January 2007
ADR

- Applicable to international transport by road
- Annexes A and B may be used by any country for application through national law to domestic traffic (mandatory for all EU countries through directive 94/55/EC)
ADN

ENTRY INTO FORCE ON 29.02.2008

- 8 Contracting Parties (Austria, Bulgaria, Hungary, Luxembourg, Netherlands, Russian Federation, Germany, Moldova)
- Annexed Regulations regularly updated and will become applicable on 28 February 2009
- Administrated by UNECE with support from CCNR
Thank you!