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Zwischenstaatliche Organisation für den internationalen Eisenbahnverkehr
Intergovernmental Organisation for International Carriage by Rail

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Subject: Rules for the carriage of dangerous goods – Inclusion of SMGS Annex 2
Chapter 6.20 in RID

Transmitted by the OSJD Committee

铁路合作组织
(铁组)



ORGANISATION
FOR CO-OPERATION
BETWEEN RAILWAYS
(OSJD)

Rules for the carriage of dangerous goods. Annex 2 to the Agreement on International Goods Transport by Rail (SMGS)

Jelena AGAMALOVA
OSJD Committee

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AGREEMENT ON INTERNATIONAL GOODS TRANSPORT BY RAIL SMGS

**1 NOVEMBER 2021 MARKED THE 70TH ANNIVERSARY
OF THE AGREEMENT ON INTERNATIONAL GOODS TRANSPORT BY RAIL (SMGS)
25 countries from 29 OSJD members are Parties to the SMGS.**



The SMGS regulates direct international goods transport by rail on the railways of countries that are Parties to the SMGS.

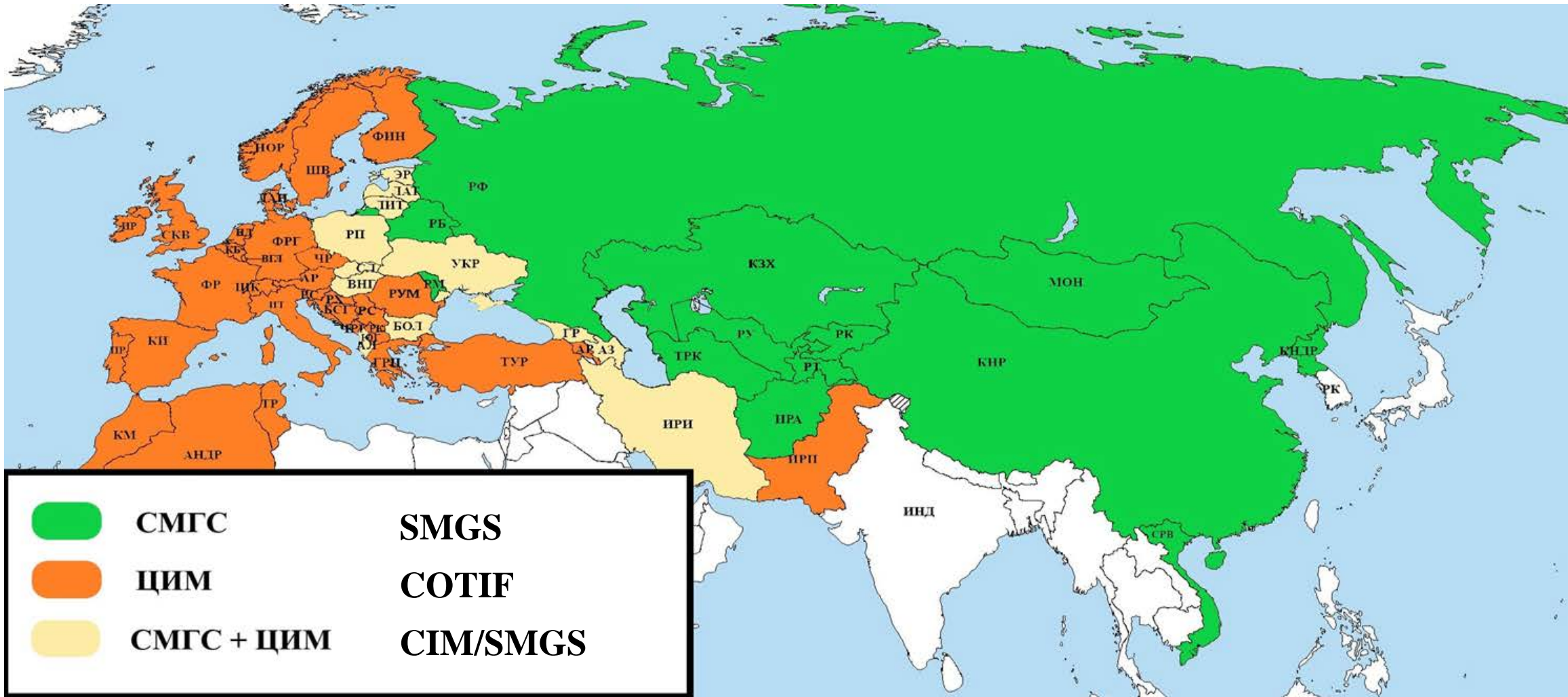
Service instructions to the SMGS (SI to SMGS) are intended to manage the relationship between carriers involved in goods transport under the SMGS conditions.

Before accepting goods for transport, the station of departure shall check whether these goods could be transported under the SMGS provisions.



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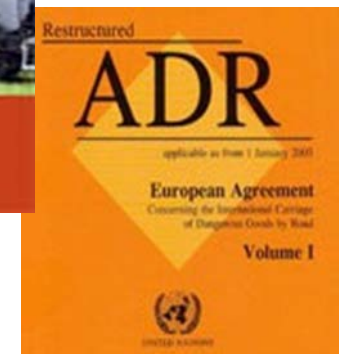
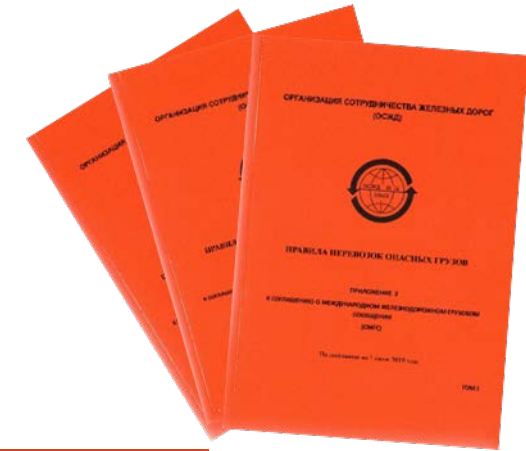
GEOGRAPHICAL SCOPE OF SMGS, COTIF AND CIM/SMGS



Dangerous goods are carried in accordance with the established governmental and international legal instruments. The rules are applied in the countries that have signed the SMGS Agreement (Agreement on International Goods Transport by Rail) and are binding on employees of all companies involved in the organization of carriage as well as on consignees and consignors.

- The structure of Annex 2 to the SMGS closely follows the structure of the RID or ADR.
- In essence, it complies with the RID requirements and takes into account specific operational features of the 1520 mm track gauge.

The current version of the SMGS, including the Annexes, and other documents developed within the framework of the Organisation for Co-operation between Railways (OSJD) are available on the official website: www.osjd.org .



THE STRUCTURE INCLUDES SEVEN PARTS . EACH PART IS DIVIDED INTO CHAPTERS, SECTIONS AND SUBSECTIONS.

VOLUME I



PART 1 General provisions

PART 2 Classification

VOLUME II



PART 3 Dangerous goods list, special provisions and exemptions related to limited and excepted quantities

VOLUME III



PART 4 Packing and tank provisions

PART 5 Consignment procedures

PART 6 Requirements for the construction and testing of packagings, intermediate bulk containers (IBC), large packagings and tanks

PART 7 Provisions concerning carriage, loading, unloading and handling of goods

According to Article 9 of the SMGS:

- the carriage of dangerous goods shall be carried out in accordance with the Rules for the Carriage of Dangerous Goods (Annex 2 to this Agreement). The relevant articles of this Agreement and the Rules for the carriage of goods specified in article 8 "Rules for the carriage of goods" of this Agreement shall apply to the extent not specified by the Rules for the carriage of dangerous goods.
- When transporting dangerous goods in direct international rail-ferry traffic, the requirements of the International Maritime Dangerous Goods Code (IMDG Code) shall also be met.

As of today, Chapter 6.8 of to the SMGS Annex 2 also contains requirements as in the RID for:

- construction,
- equipment,
- type approval,
- inspections, tests and marking

of tank-wagons, demountable tanks, tank containers and tank swap bodies, with shells made of metallic materials, and battery-wagons and multiple element gas containers (MEGCs).

In relation to tank-wagons, Chapter 6.8 takes into account both the requirements of Chapter 6.8 of the RID for tank-wagons designed for operation on railways with a track gauge of 1435 mm and specific features for tank-wagons designed for operation on railways with a track gauge of 1520 mm.

In the future, Chapter 6.8 of Annex 2 to the SMGS will be completely identical to Chapter 6.8 of the RID and will contain requirements for construction, equipment, type approval, inspections, tests and marking of tank-wagons designed for operation on railways with a track gauge of 1435 mm, demountable tanks, tank containers and tank swap bodies, with shells made of metallic materials, and battery-wagons and multiple element gas containers (MEGCs).

In order to facilitate the perception of various requirements in the process of improving the SMGS Annex 2 , a new chapter 6.20 has been prepared, which contains requirements for construction, equipment, type approval and inspections, tests and marking of tank-wagons designed for operation on railways with a track gauge of 1520 mm, with shells made of metallic materials.

The key features of chapter 6.20 relate to:

- requirements for the equipment of tanks of tank-wagons;
- requirements for operating temperature (up to minus 60°C);
- requirements for the procedure of type approval;
- requirements for inspections and tests.

At the meeting of the OSJD Commission on Transport Law, the experts expressed their view that it might be beneficial to include Chapter 6.20 in the RID, and I have been entrusted to make this information available to you. The inclusion of Chapter 6.20 in the RID would ensure a smooth running of tank-wagons designed in accordance with the requirements of the SMGS Annex 2 for operation on railways with a track gauge of 1520 mm.

If there is support from you, dear colleagues, the OSJD experts would provide necessary materials in accordance with the current procedure to the meeting of the Standing Working Group of the RID Committee of Experts in 2022.

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Thank you for your attention!



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