Working Group 6
Meeting Report

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Terms of references: INF-02a Rev.2

Introduction:
Since the 1990’s the legal situation for the transport of dangerous goods change fundamentally.
The UN Model Regulations exist since 1999 in a reformatted format with the intention, that this format and content should be used for all modes and all classes of dangerous goods worldwide.
The ICAO-TI and IMDG-Code worldwide, the ADR for the European Road Transport (50 countries), RID and SMGS Annex II for Europe and Asia Rail Transport and the ADN for Inland Waterways, are using this new format and content.

Very important in this context is the legal status of IMDG Code. Since nearly 10 years it is a mandatory part of the SOLAS Convention and it shall be in force in about 150 States.

Therefore, we recommend the following as an alternative to the Schedules SSG-33.

Recommendations:
The group recommend to introduce into the Section IV of SSR-6 a new table (with paragraphs, figures, codes) and the flow diagram of SSG-33 (see Annex).
The new table should include all the 26 UN Numbers of Class 7, and in different columns, the relevant headlines of SSG-33 (Schedules):

- GENERAL PROVISIONS;
- CONTENTS LIMITS FOR PACKAGES;
- CONTAMINATION;
- MAXIMUM RADIATION LEVELS;
- CATEGORIES OF PACKAGES AND OVERPACKS;
- MARKING AND LABELLING;
- REQUIREMENTS BEFORE SHIPMENT;
- PROVISIONS CONCERNING TRANSPORT OPERATIONS.

In this way, the repetition of the whole text can be avoided.

Also, we recommend to add the same table into the Part III of the UN Model Regulations (with paragraphs, figures, codes), additionally to the existing Table A, and the flow diagram into the Part II of the UN Model Regulations.

In these tables, we recommend to have hyperlinks to paragraphs of the SSR-6/UN Model Regulations.
Annex: SSG-33 - Flow Diagram for the classification of radioactive material
(Continued from previous page)

Special form (239, 415)

Activity ≤ A₁ (429, 430, Tables 2 and 3)

Fissile (222, 417)

Type A
UN 2916

Type A
UN 3327

No

Yes

No

By air

Activities ≤ to the following (453):
(a) For LDRM — as authorized for the package design as specified in the certificate of approval;
(b) For special form radioactive material — 3000A₀ or 100 000A₀ whichever is the lower;
(c) For all other radioactive material — 3000A₀

Fissile (222, 417)

Type B(U)
(431)

Type B(U)
(431)

Type B(M)
(431)

No

Yes

No

Yes

No

Yes

Fissile (222, 417)

Transport prohibited but see Special arrangement

Special arrangement (310)
Radioactive material for which classification into one of the above UN numbers is impractical may be transported, subject to competent authority approval.

Type C
UN 3323

Type C
UN 3330

No

Fissile (222, 417)

UN 3331

Yes

Type A
UN 3332

Type A
UN 3333

Type B(U)
UN 3328

Type B(U)
UN 2916

Type B(M)
UN 3329

Type B(M)
UN 2917

UN 2918
<table>
<thead>
<tr>
<th>UN No.</th>
<th>Name and description</th>
<th>Class or division</th>
<th>Subsidiary risk</th>
<th>UN packing group</th>
<th>Special provisions</th>
<th>Limited and excepted quantities</th>
<th>Packagings and IBCs</th>
<th>Special packing provisions</th>
<th>Portable tanks and bulk containers</th>
<th>Special provisions</th>
</tr>
</thead>
<tbody>
<tr>
<td>2881</td>
<td>METAL CATALYST, DRY</td>
<td>4.2</td>
<td>III</td>
<td>223 274</td>
<td>0</td>
<td>E1</td>
<td>P002 IBC08 LP02</td>
<td>B3</td>
<td>T1</td>
<td>TP33</td>
</tr>
<tr>
<td>2900</td>
<td>INFECTIOUS SUBSTANCE, AFFECTING ANIMALS only</td>
<td>6.2</td>
<td></td>
<td></td>
<td>0</td>
<td>E0</td>
<td>P620  BK1 BK2</td>
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<td></td>
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<tr>
<td>2901</td>
<td>BROMINE CHLORIDE</td>
<td>2.3</td>
<td>8</td>
<td></td>
<td>0</td>
<td>E0</td>
<td>P200</td>
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</tr>
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<td>2902</td>
<td>PESTICIDE, LIQUID, TOXIC, N.O.S.</td>
<td>6.1</td>
<td>I</td>
<td>61 274</td>
<td>0</td>
<td>E5</td>
<td>P001</td>
<td>T14</td>
<td></td>
<td>TP2 TP3 TP27</td>
</tr>
<tr>
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<td>PESTICIDE, LIQUID, TOXIC, N.O.S.</td>
<td>6.1</td>
<td>II</td>
<td>61 274</td>
<td>100 ml</td>
<td>E4</td>
<td>P001 IBC02</td>
<td>T11</td>
<td></td>
<td>TP2 TP3 TP27</td>
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<td>6.1</td>
<td>III</td>
<td>61 223 274</td>
<td>5 L</td>
<td>E1</td>
<td>P001 IBC03 LP01</td>
<td>T7</td>
<td></td>
<td>TP2 TP3 TP28</td>
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<tr>
<td>2903</td>
<td>PESTICIDE, LIQUID, TOXIC, FLAMMABLE, N.O.S., flash point not less than 23 °C</td>
<td>6.1</td>
<td>3</td>
<td>I 61 274</td>
<td>0</td>
<td>E5</td>
<td>P001</td>
<td>T14</td>
<td></td>
<td>TP2 TP3 TP27</td>
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<td>6.1</td>
<td>3</td>
<td>II 61 274</td>
<td>100 ml</td>
<td>E4</td>
<td>P001 IBC02</td>
<td>T11</td>
<td></td>
<td>TP2 TP3 TP27</td>
</tr>
<tr>
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<td>PESTICIDE, LIQUID, TOXIC, FLAMMABLE, N.O.S., flash point not less than 23 °C</td>
<td>6.1</td>
<td>3</td>
<td>III 61 223 274</td>
<td>5 L</td>
<td>E1</td>
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<td>T7</td>
<td></td>
<td>TP2</td>
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<td>2904</td>
<td>CHLOROPHENOLATES, LIQUID or PHENOLATES, LIQUID</td>
<td>8</td>
<td>III</td>
<td>5 L 223 274</td>
<td></td>
<td>E1</td>
<td>P001 IBC03</td>
<td>T7</td>
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<td>TP33</td>
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<td>8</td>
<td>III</td>
<td>5 kg</td>
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<td>E1</td>
<td>P002 IBC08 LP02</td>
<td>B3</td>
<td></td>
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<tr>
<td>2907</td>
<td>ISOSORBIDE DINITRATE MIXTURE with not less than 60% lactose, mannose, starch or calcium hydrogen phosphate</td>
<td>4.1</td>
<td>II</td>
<td>127</td>
<td>0</td>
<td>E0</td>
<td>P406 IBC06</td>
<td>PP26 PP0 B2 B12</td>
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<td>2908</td>
<td>RADIOACTIVE MATERIAL, EXCEPTED PACKAGE - EMPTY PACKAGING</td>
<td>7</td>
<td>290</td>
<td>0</td>
<td>E0</td>
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<td>2909</td>
<td>RADIOACTIVE MATERIAL, EXCEPTED PACKAGE - ARTICLES MANUFACTURED FROM NATURAL URANIUM or DEPLETED URANIUM or NATURAL THORIUM</td>
<td>7</td>
<td>290</td>
<td>0</td>
<td>E0</td>
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<td>290 368</td>
<td>0</td>
<td>E0</td>
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<td></td>
<td></td>
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</tbody>
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*Annex: Table A – UN Model Regulations (extract)*