

**Working Party on the Transport
of Dangerous Goods**

(Seventy-second session,
Geneva, 13-17 May 2002)

**LIST OF PROPOSED AMENDMENTS TO THE 2003 VERSION OF ADR,
COMPLETING OR AMENDING DOCUMENT TRANS/WP.15/168**

N:B: Amendments appearing in bold have not been submitted to the Joint Meeting (18-22 March 2002)

1.2.1 Delete the definition for "Frame".

In the definition of "vacuum-operated waste tank" replace "a fixed or demountable tank" with "a fixed tank, demountable tank, tank-container or tank swap body"

1.6.3.8 Amend the second paragraph to read as follows:

"When, because of amendments to ADR, some proper shipping names of gases have been modified, it is not necessary to modify the names on the plate or on the shell itself (see 6.8.3.5.2 or 6.8.3.5.3), provided that the names of the gases on the fixed tanks (tank-vehicles), demountable tanks and battery-vehicles or on the plates [see 6.8.3.5.6 (b) or (c)] are adapted at the first periodic test thereafter."

1.6.4.5 Amend the second sentence to read as follows:

"When, because of amendments to ADR, some proper shipping names of gases have been modified, it is not necessary to modify the names on the plate or on the shell itself (see 6.8.3.5.2 or 6.8.3.5.3), provided that the names of the gases on the tank-containers and MEGCs or on the plates [see 6.8.3.5.6 (b) or (c)] are adapted at the first periodic test thereafter."

1.8.5.4 In the model for report, under item 2, amend the left-hand column under "Rail" to read as follows:

<p><u>Rail</u></p> <p><input type="checkbox"/> Station</p> <p><input type="checkbox"/> Shunting/marshalling yard</p> <p><input type="checkbox"/> Loading/unloading/transshipment site</p> <p>Location / Country:</p> <p>or</p> <p><input type="checkbox"/> Open line</p> <p>Description of line:</p> <p>Kilometres:</p>

3.1.2.8.1 In the first sentence delete "or chemical group" and in the third sentence delete "and chemical group".

Table A of Chapter 3.2

UN No.	Column No.	Corrections
2071	2	Amend to read: "Ammonium nitrate based fertilizer, uniform mixtures of the nitrogen/phosphate, nitrogen/potash or nitrogen/phosphate/potash type, containing not more than 70% ammonium nitrate and not more than 0.4% total combustible/organic material calculated as carbon or with not more than 45% ammonium nitrate and unrestricted combustible material"
2623	8	Replace "LP01" with "LP02"
3207 packing group III	9a	Delete "B4"
3226 and 3228	7	Replace "LQ0" with "LQ11"
3359	15	Delete "4"

Replace the entry for UN No. 3375 with the following two:

(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
3375	AMMONIUM NITRATE EMULSION or SUSPENSION or GEL, intermediate for blasting explosives, liquid	5.1	O1	II	5.1	306 309	LQ0	P099 IBC99		MP2		
3375	AMMONIUM NITRATE EMULSION or SUSPENSION or GEL, intermediate for blasting explosives, solid	5.1	O2	II	5.1	306 309	LQ0	P099 IBC99		MP2		

(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
			2			CV24	S9 S14		3375	AMMONIUM NITRATE EMULSION or SUSPENSION or GEL, intermediate for blasting explosives, liquid
			2			CV24	S9 S14		3375	AMMONIUM NITRATE EMULSION or SUSPENSION or GEL, intermediate for blasting explosives, solid

3.3.1 SP640 Insert a second indent to read as follows:
 "- substances and preparations of UN No. 2015 packed in accordance with packing instruction P501;"

4.1.1 Amend the note under the title to read as follows:
 "The general provisions of this section only apply to the packing of goods of Classes 2, 6.2 and 7 as indicated in 4.1.1.16 (Class 2), 4.1.8.2 (Class 6.2), 4.1.9.1.5 (Class 7) and in the applicable packing instructions of 4.1.4 (packing instructions P201 and P202 for Class 2 and P621, IBC620 and LP621 for Class 6.2)."

4.1.1.16 Amend to read as follows:
 "Packagings, including IBCs and large packagings, marked in accordance with 6.1.3, 6.2.5.7, 6.2.5.8, 6.3.1, 6.5.2 or 6.6.3 but which were approved in a State which is not a Contracting Party to ADR may nevertheless be used for carriage under ADR."

4.1.3.1 After "'B" for IBCs", insert ", or "BB" for special provisions specific to RID and ADR".

4.1.4.1 (Does not apply to the English version)

4.1.4.2 IBC02 Delete the amendment in document TRANS/WP.15/168 concerning special packing provision B11.

IBC06 Under "(3) Composite", replace " and 31HZ1" with ", 31HZ1 and 31HZ2"

4.1.4.4 Replace "PR6" with "PR7".

4.1.8.2 Amend first sentence to read as follows:
"The definitions in 1.2.1 and the general provisions of 4.1.1.1 to 4.1.1.16, except 4.1.1.3, 4.1.1.9 to 4.1.1.12 and 4.1.1.15 apply to infectious substances packages."

Chapter 4.2 Existing Note under the title to be numbered "NOTE 1". Add a new Note 2 to read as follows:
"NOTE 2: Portable tanks and UN certified MEGCs marked in accordance with the applicable provisions of Chapter 6.7 but which were approved in a State which is not a Contracting Party to ADR may nevertheless be used for carriage under ADR."

**4.2.1.1, 4.2.1.9.1.1, 4.2.1.13.15 and 4.2.2.2,
Replace "4.2.4.2.6" with "4.2.5.2.6".**

**4.2.1.1, 4.2.1.9.1.1, 4.2.2.2, 4.2.3.2 and 4.2.5.1.1 (previously 4.2.4.1.1)
Replace "4.2.4.3" with "4.2.5.3".**

4.2.5.2.6 In portable tank instruction T23, under UN No. 3119 add the following line

UN No.	Substance	Minimum test pressure (bar)	Minimum shell thickness (mm-reference steel)	Bottom opening requirements	Pressure-relief requirements	Degree of filling	Control temperature	Emergency temperature
	Peroxyacetic acid, distilled, type f, stabilized ^d						+ 30	+ 35

Add at the end of the table the following note:

^d *Formulation derived from distillation of peroxyacetic acid originating from peroxyacetic acid in concentration of not more than 41% with water, total active oxygen (Peroxyacetic acid+H₂O₂) ≤ 9.5%, which fulfils the criteria of the Manual of Tests and Criteria, paragraph 20.4.3 (f)."*

4.3.3.2.5 In the table delete the entry for UN No. 3374.

4.3.4.1.4 Amend to read as follows:
"Tanks intended for the carriage of liquid wastes complying with the requirements of Chapter 6.10 and equipped with two closures in accordance with 6.10.3.2, shall be assigned to tank code L4AH. If the tanks concerned are equipped for the alternate carriage of liquid and solid substances, they shall be assigned to the combined the combined code L4AH+S4AH.

5.3.1.2 Delete "the MEGC,"

5.3.1.4 Delete ", battery-vehicle".

5.4.1.1.1 (b) Delete "or the chemical group".

5.4.1.1.12 to 5.4.1.1.14

The new paragraphs to be inserted according to TRANS/WP/168 are to be numbered 5.4.1.1.14 to 5.4.1.1.16.

5.4.2 Amend footnote 4 to read as follows:

⁴ *Section 5.4.2 of the IMDG Code requires the following:*

"5.4.2 Container/vehicle packing certificate

5.4.2.1 When dangerous goods are packed or loaded into any container or vehicle, those responsible for packing the container or vehicle shall provide a "container/vehicle packing certificate" specifying the container/vehicle identification number(s) and certifying that the operation has been carried out in accordance with the following conditions:*

.1 The container/vehicle was clean, dry and apparently fit to receive the goods;

.2 Packages, which need to be segregated in accordance with applicable segregation requirements, have not been packed together onto or in the container/vehicle (unless approved by the competent authority concerned in accordance with 7.2.2.3 (of the IMDG Code));

.3 All packages have been externally inspected for damage, and only sound packages have been loaded;

*.4 Drums have been stowed in an upright position, unless otherwise authorized by the competent authority, and all goods have been properly loaded, and, where necessary, adequately braced with securing material to suit the mode(s)** of transport for the intended journey;*

.5 Goods loaded in bulk have been evenly distributed within the container/vehicle;

.6 For consignments including goods of class 1, other than division 1.4, the container/vehicle is structurally serviceable in conformity with 7.4.6 (of the IMDG Code);

.7 The container/vehicle and packages are properly marked, labelled, and placarded, as appropriate;

.8 When solid carbon dioxide (CO₂-dry ice) is used for cooling purposes, the container/vehicle is externally marked or labelled in a conspicuous place, such as, at the door end, with the words: "DANGEROUS CO₂ GAS (DRY ICE) INSIDE. VENTILATE THOROUGHLY BEFORE ENTERING"; and

.9 A dangerous goods transport document, as indicated in 5.4.1 (of the IMDG Code) has been received for each dangerous goods consignment loaded in the container/vehicle.

NOTE: The container/vehicle packing certificate is not required for tanks

5.4.2.2 The information required in the dangerous goods transport document and the container/vehicle packing certificate may be incorporated into a single document; if not, these documents shall be attached one to the other. If the information is incorporated into a single document, the document shall a signed declaration such as "It is declared that the packing of the goods into the container/vehicle has been carried out in accordance with the applicable provisions". This declaration shall be dated and the person signing this declaration shall be identified on the document.

* See definition of "freight container in 1.2.1 (of the IMDG Code).

** See IMO/ILO/UNECE Guidelines for Packing of Cargo Transport Units."

- 5.5.2.1 Amend the beginning to read as follows:
"For the carriage of UN No. 3359 fumigated unit (vehicle, container or tank) the transport document shall show the information required in 5.4.1.1, the date of fumigation and ...".
- Part 6 Amend the end of the part title to read "... large packagings, tanks and multiple-element gas containers (MEGCs)"**
- 6.1.6.2 In the table for Class 8, under classification code CT1, replace "Hydrazine, aqueous solutions with not more than 64% hydrazine by mass (UN No. 2030)" with "Hydrazine, aqueous solutions with more than 37% hydrazine by mass (UN No. 2030)".**
- 6.2.1.1.2 Replace "receptacles for UN No. 3374" with "pressure receptacles for UN No. 3374".**
- 6.2.1.6.3 Replace "the receptacle "with "the pressure receptacle".**
- 6.2.1.7.6 Add the following Note at the end:
"NOTE: The month need not be indicated for gases for which the interval between periodic inspections is ten years or more (see 4.1.4.1 packing instructions P200 (9) and P203 (8))."
- 6.2.2 In the heading of the third column of the table delete "and paragraphs".**
- 6.2.5 Amend the beginning to read as follows:
"In addition to the general requirements of 6.2.1.1, 6.2.1.2, 6.2.1.3, 6.2.1.5 and 6.2.1.6, UN certified pressure receptacles shall comply...".
- 6.2.5.6.4.6 (Does not apply to the English version).
- 6.6.5.3.3.4 (Does not apply to the English version).**
- 6.7 (Does not apply to the English version).**
- 6.7.2.1 In the definition of "Design pressure" under (c) and "Test pressure" replace "4.2.4.2.6" with "4.2.5.2.6".**
- 6.7.2.2.16, 6.7.2.3.2, 6.7.2.4.1 (c), 6.7.2.4.6 and 6.7.2.4.7 Replace "4.2.4.2.6" with "4.2.5.2.6" and "4.2.4.3" with "4.2.5.3".**
- 6.7.2.6.1, 6.7.2.8.1, 6.7.2.8.3, 6.7.3.3.2, 6.7.3.6.1, 6.7.3.7.3 and 6.7.3.14.1 Replace "4.2.4.2.6" with "4.2.5.2.6".**
- 6.7.3.1 In the definition of "Maximum allowable working pressure" under (b) (i) and in the definition of "Filling density" replace "4.2.4.2.6" with "4.2.5.2.6".**
- 6.7.1.1 (Does not apply to the English version).**
- 6.10 In Note 2 under the title replace "fixed tanks and demountable tanks" with "fixed tanks, demountable tanks, tank-containers and tank swap bodies".
- 6.10.3.5 (e) Add at the end ", tank-container or tank swap body".

6.10.4 Amend to read as follows:
"Vacuum-operated waste tanks shall be subject to an internal and external examination at least every
three years. | two and a half years.

7.1.3 Replace " UIC leaflets ¹ 590 (updated 1.1.89) and 592-1 to 592-4 (updated 1.7.94)" with
"UIC leaflets ¹ 590 (status at 01.01.1979, 10th edition, including amendments Nos. 1 to 4),
591 (status at 01.01.1998, 2nd edition), 592-2 (status at 01.07.1996, 5th edition), 592-3 (status
at 01.01.1998, 2nd edition) and 592-4 (status at 01.07.1995, new edition)".
