International Civil Aviation Organization

WORKING PAPER

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4/3/05

DANGEROUS GOODS PANEL (DGP)

MEETING OF THE WORKING GROUP OF THE WHOLE

Montreal, 18 to 22 April 2005

Agenda Item 2: Development of recommendations for amendments to the *Technical Instructions* for incorporation in the 2007/2008 edition
2.3: Part 3 — Dangerous Goods List and Limited Quantities Exceptions

TRANSPORT OF UN 3399, ORGANOMETALLIC SUBSTANCE, LIQUID, WATER-REACTIVE, FLAMMABLE

(Presented by D. Raadgers)

1. INTRODUCTION

1.1 At the meeting of UN Committee on the Transport of Dangerous Goods, a proposal of ICCA was adopted on the schematic classification flow chart for organometallic substances.

1.2 In the ICAO 2005-2006 edition of the Technical Instructions, these new classification principles are incorporated in chapter 4.5, CLASSIFICATION OF ORGANOMETALLIC SUBSTANCES. In this chapter a reference is made to Figure 2.4.2 of the *UN Recommendations on the Transport of Dangerous Goods*.

1.3 As a consequence, a number of UN numbers used for organometallic substances were deleted and new UN numbers were introduced.

1.4 One of the deleted UN numbers, UN 3207 (name in ICAO 2003-2004: Organometallic compound, water-reactive, flammable, n.o.s; name in UN 12th revised edition: Organometallic compound, or compound solution or compound dispersion, water-reactive, flammable n.o.s.), is replaced by UN 3399 (Organometallic Substance, liquid, water-reactive, flammable).

1.5 However, the transport provisions for the new UN 3399 and the old UN 3207 are different:

	UN packing Group	Passenger aircraft Packing instr, max quantity	Cargo aircraft Packing instr, max quantity
Deleted UN 3207	I	FORBIDDEN	409, 1 L
	II	409, 1 L	431, 5 L
	III	431, 5 L	432, 60 L
New UN 3399	I,II,III	FORBIDDEN	FORBIDDEN

1.6 Because UN 3399 has replaced the UN3207, it was anticipated that the same transport provisions would have been incorporated in ICAO 2005-2006 Technical Instructions.

1.7 For all other new UN numbers for organometallic substances (i.e. UN 3391 3392, 3393, 3394, 3395, 3396, 3397, 3398, 3400) this has been done consistently.

1.8 There is no reason for this change, a justification for this deviation has not been discussed by either the UN nor the DG panel from a safety standpoint of view. It is believed to be an oversight. Therefore the following correction is proposed.

2. PROPOSAL

2.1 It is proposed to change in chapter 2, Table 3-1, Dangerous goods list, the following (only relevant columns are indicated):

Name	UN	Special provisions	UN Packing Group	Passenger aircraft		Cargo aircraft	
				Packing Instruction	Max. net quantity per package	Packing Instruction	Max. net quantity per package
1	2	7	8	9	10	11	12
Change from:							
Organometallic substance, liquid, water reactive, flammable*	3399	A2 A3		FORBIDDEN		FORBIDDEN	
Into:							
Organometallic substance, liquid, water reactive, flammable*	3399	A3	I II III	FORBIDDEN 409 431	 1 L 5 L	409 431 432	1 L 5 L 60 L

If the panel agrees this correction may be issued as an addendum to the ICAO 2005-2006 technical Instructions if the panel deems necessary.

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