

DANGEROUS GOODS PANEL

Dubai, 31 March to 4 April 2003

Agenda Item 2 Development of recommendations for amendments to the Technical : Instructions for incorporation in the 2005/2006 edition

SECURITY OF DANGEROUS GOODS IN TRANSPORT

(Presented by the Secretary)

1. INTRODUCTION

1.1 At the Working Group of the Whole Meeting in Frankfurt (WG02), the issue of security-related provisions was discussed and draft amendments to the UN Recommendations were reviewed. At the twenty-second UN Subcommittee Meeting, these draft amendments were further developed and approved.

To aid preliminary discussion of the best location for these provisions, the amendments are incorporated in a new Chapter 5 in Part 1 of the Technical Instructions.

It is anticipated that a joint working group composed of personnel from Aviation Security (AVSEC) together with dangerous goods experts will be held before DGP/19.

PART 1; CHAPTER 5

SECURITY PROVISIONS

Introductory notes

NOTE 1: *This Chapter provides requirements intended to address the security of dangerous goods in transport in all modes. Modal authorities may apply additional security provisions which should be considered when offering or transporting dangerous goods.*

NOTE 2: *For the purposes of this Chapter security means measures or precautions to be taken to minimise theft or mis-use of dangerous goods that may endanger persons or property.*

5.1 General provisions

5.1.1 All persons engaged in the transport of dangerous goods must consider security requirements for the transport of dangerous goods commensurate with their responsibilities.

5.1.2 Shippers must only offer dangerous goods to operators that have been appropriately identified.

5.1.3 Transit sites, such as airside warehouses, marshalling yards and other temporary storage areas must be properly secured, well lit and, where possible, not be accessible to the general public.

5.2 Security training

5.2.1 The training specified for individuals in 4.1.1 must also include elements of security awareness.

5.2.2 Security awareness training must address the nature of security risks, recognising security risks, methods to address and reduce such risks and actions to be taken in the event of a security breach. It must include awareness of security plans (if appropriate) commensurate with the responsibilities of individuals and their part in implementing security plans.

5.2.3 Such training must be provided or verified upon employment in a position involving dangerous goods transport and must be periodically supplemented with retraining.

5.2.4 Records of all security training undertaken must be kept by the employer and made available to the employee if requested.

5.3 Provisions for high consequence dangerous goods

5.3.1 In implementing national security provisions competent authorities must consider establishing a programme for identifying shippers or operators engaged in the transport of high consequence dangerous goods for the purpose of communicating security related information. An indicative list of high consequence dangerous goods is provided in Table 1-5.

5.3.2 Security plans

5.3.2.1 Operators, shippers and others (including infrastructure managers) engaged in the transport of high consequence dangerous goods (see Table 1-5) must adopt, implement and comply with a security plan that addresses at least the elements specified in 5.3.2.2.

5.3.2.2 The security plan must comprise at least the following elements:

- a) specific allocation of responsibilities for security to competent and qualified persons with appropriate authority to carry out their responsibilities;
- b) records of dangerous goods or types of dangerous goods transported;
- c) review of current operations and assessment of vulnerabilities, including inter-modal transfer, temporary transit storage, handling and distribution as appropriate;
- d) clear statements of measures, including training, policies (including response to higher threat conditions, new employee/employment verification etc.), operating practices (e.g. choice/use of routes where known, access to dangerous goods in temporary storage, proximity to vulnerable infrastructure etc.), equipment and resources that are to be used to reduce security risks;
- e) effective and up to date procedures for reporting and dealing with security threats, breaches of security or security incidents;
- f) procedures for the evaluation and testing of security plans and procedures for periodic review and update of the plans;
- g) measures to ensure the security of transport information contained in the plan; and
- h) measures to ensure that the security of the distribution of transport documentation is limited as far as possible. (such measures must not preclude provision of transport documentation required by Part 5, Chapter 4 of these Instructions.).

NOTE: *Operators, shippers and consignees should co-operate with each other and with appropriate authorities to exchange threat information, apply appropriate security measures and respond to security incidents.*

Table 1-5: INDICATIVE LIST OF HIGH CONSEQUENCE DANGEROUS GOODS

High consequence dangerous goods are those which have the potential for mis-use in a terrorist incident and which may, as a result, produce serious consequences such as mass casualties or mass destruction. The following is an indicative list of high consequence dangerous goods:

Class 1, Division 1.1 explosives

Class 1, Division 1.2 explosives

Class 1, Division 1.3 compatibility group C explosives

Class 1, Division 1.5 explosives

Division 2.3 toxic gases (excluding aerosols)

Class 3 and Division 4.1 desensitised explosives

Division 6.1 toxic substances of Packing Group I

Division 6.2 infectious substances of Category A

Class 7 radioactive material in quantities greater than 3000 A1 (special form) or 3000 A2, as applicable, in Type B and Type C packages.

NOTE : For purposes of non-proliferation of nuclear material the Convention on Physical Protection of Nuclear Material applies to international transport supported by IAEA INFCIRC/225(Rev.4).

CONSEQUENTIAL AMENDMENT

Amend 4.2.4 as follows:

- 4.2.4 A record of training must be maintained which must include:
- a) the individual's name;
 - b) the most recent training completion date;
 - c) a description, copy or reference to training materials used to meet the training requirements;
 - d) the name and address of the organization providing the training; and
 - e) a copy of the certification issued when the individual was trained, which shows that a test has been completed satisfactorily.

The records of training must be made available upon request to **the employee or** the appropriate national authority.

— END —