### SCHEDULE 2

Articles 4 and 7

## PROHIBITED DUAL-USE GOODS, SOFTWARE AND TECHNOLOGY

Note: In this Schedule, defined terms are printed in quotation marks.

### **Definitions**

#### In this Schedule:

"development" means all stages prior to "production" (e.g., design, design research, design analyses, design concepts, assembly and testing of prototypes, pilot production schemes, design data, process of transforming design data into "goods", configuration design, integration design, layouts);

"energetic materials" means substances or mixtures that react chemically to release energy required for their intended application; "explosives", "pyrotechnics" and "propellants" are subclasses of energetic materials;

"explosives" means solid, liquid or gaseous substances or mixtures of substances which, in their application as primary, booster, or main charges in warheads, demolition and other applications, are required to detonate;

"previously separated" means the application of any process intended to increase the concentration of the controlled isotope;

"production" means all production stages (e.g., product engineering, manufacture, integration, assembly (mounting), inspection, testing, quality assurance);

"propellants" means substances or mixtures that react chemically to produce large volumes of hot gases at controlled rates to perform mechanical work;

"pyrotechnic(s)" means mixtures of solid or liquid fuels and oxidisers which, when ignited, undergo an energetic chemical reaction at a controlled rate intended to produce specific time delays, or quantities of heat, noise, smoke, visible light or infrared radiation; pyrophorics are a subclass of pyrotechnics, which contain no oxidisers but ignite spontaneously on contact with air;

"technology" means specific "information" necessary for the "development", "production" or "use" of "goods" or "software";

# Technical Note:

"Information" may take forms including, but not limited to: blueprints, plans, diagrams, models, formulae, tables, "source code", engineering designs and specifications, manuals and instructions written or recorded on other media or devices (e.g., disk, tape, read-only memories);

"Source code" (or source language) is a convenient expression of one or more processes which may be turned by a programming system into equipment executable form.

"use" means operation, installation (e.g., on-site installation), maintenance, checking, repair, overhaul and refurbishing;

"vaccines" are medicinal products in a pharmaceutical formulation licensed by, or having marketing or clinical trial authorisation from, the regulatory authorities of either the country of manufacture or of use, which is intended to stimulate a protective immunological response in humans or animals in order to prevent disease in those to whom or to which it is administered.

## MATERIALS, CHEMICALS, MICRO-ORGANISMS AND TOXINS

PL9001	The export of the following "goods" is prohibited to any destination except to "the European Community" Member States:
	Portable devices, other than those in PL5001 of Part I of Schedule 1 to this Order, designed for self-protection by the administration of an incapacitating substance and specially designed components therefor.
PL9002	The export of the following "goods" is prohibited to any destination:
	"Energetic materials", as follows, and mixtures containing one or more thereof:  a. Nitrocellulose (containing more than 12.5% nitrogen);  b. Nitroglycol; c. Pentaerythritol tetranitrate (PETN); d. Picryl chloride; e. Trinitrophenylmethylnitramine (tetryl); f. 2,4,6-Trinitrotoluene (TNT).
	Note: PL9002 does not control single, double and triple base "propellants".
PL9003	The export of the following "goods" is prohibited to any destination:
	"Vaccines" for protection against: a. bacillus anthracis; b. botulinum toxin.
PL9004	The export of the following "goods" is prohibited to any destination:
	"Previously separated" americium-241, -242m or -243 in any form.
	Note: PL9004 does not control "goods" with an americium content of 10 grams or less.

# TELECOMMUNICATIONS AND RELATED TECHNOLOGY

PL9005	The export or "transfer" of the following
	"goods" or "technology" is prohibited to any
	destination in Iran or Iraq:

a. Tropospheric scatter communication equipment using analogue or digital modulation techniques and specially designed components therefor;

b. "Technology" according to the General Technology Note of Schedule 1 to this Order for the "development", "production" or "use" of "goods" in PL9005.a.

## VESSELS AND RELATED SOFTWARE AND TECHNOLOGY

### PL9008

The export or "transfer" of the following "goods", "software" or "technology", is prohibited to any destination in Iran or Iraq:

- a. "Vessels" and inflatable craft and related equipment and components, as follows, other than those in ML9 of Part I of Schedule 1 to this Order or Annex I to "the Regulation":
  - 1. Marine "vessels" (surface or underwater) and inflatable craft;
  - 2. Equipment and components designed for "vessels" or inflatable craft in PL9008.a.1. as follows:
    - a. Hull and keel structures and components;
    - b. Propulsive engines designed or modified for marine use and specially designed components therefor;
    - c. Marine radar, sonar and speed log equipment, and specially designed components therefor;
- b. "Software" designed for the "development", "production" or "use" of "goods" in PL9008.a.;
- c. "Technology" according to the General Technology Note of Schedule 1 to this Order for the "development", "production" or "use" of "goods" or "software" in PL9008.a. or PL9008.b.

## AIRCRAFT AND RELATED TECHNOLOGY

### PL9009

The export or "transfer" of the following "goods" or "technology" is prohibited to any destination in Iran or Iraq:

- a. "Aircraft" and related equipment and components, as follows, other than those in ML10 of Part I of Schedule 1 to this Order or Annex I to "the Regulation":
  - 1. "Aircraft" having a maximum all up weight of 390 kg or more;

- 2. Equipment and components designed for "aircraft" in PL9009.a.1. as follows:
  - a. Airframe structures and components;
  - b. Aero-engines and specially designed components therefor;
  - c. Avionics and navigation equipment and specially designed components therefor;
  - d. Landing gear and specially designed components therefor, and aircraft tyres;
- b. "Aircraft" or steerable parachutes, having a maximum all up weight of less than 390 kg;
- c. "Technology" according to the General Technology Note of Schedule 1 to this Order for the "development", "production" or "use" of "goods" in PL9009.a. or PL9009.b.

Note: PL9009.c. does not control technical data, drawings or documentation for maintenance activities directly associated with calibration, removal or replacement of damaged or unserviceable "goods" that are necessary for the continuing airworthiness and safe operation of civil "aircraft".