

Note to Item 6018. a.:

A detector is defined as a mechanical, electrical, optical or chemical device that automatically identifies and records, or registers a stimulus such as an environmental change in pressure or temperature, an electrical or electromagnetic signal or radiation from a radioactive material.

GROUP 6 DEFINITIONS

"Basic scientific research"

Experimental or theoretical work undertaken principally to acquire new knowledge of the fundamental principles of phenomena or observable facts, not primarily directed towards a specific practical aim or objective.

"Designed or Modified"

Equipment, part, components or software which, as a result of "development", or modification, have specified properties that make them fit for a particular application. "Designed or Modified" equipment, parts, components or software can be used for other applications. For example, a titanium coated pump designed for a missile may be used with corrosive fluids other than propellants.

"Development"

It is related to all stages prior to serial production, such as: design, design research, design analyses, design concepts, assembly and testing of prototypes, pilot production schemes, design data, process of transforming design data into a product, configuration design, integration design, layouts.

"In the public domain"

Means "technology" or "software" which has been made available without restrictions upon its further dissemination. N.B. Copyright restrictions do not remove "technology" or "software" from being "in the public domain".

"Microcircuit"

A device in which a number of passive and/or active elements are considered as indivisibly associated on or within a continuous structure to perform the function of a circuit.

"Production"

Means all production stages, such as: product engineering, manufacture, integration, assembly (mounting), inspection, testing, quality assurance.

"Production facilities"

Equipment and specially designed software therefor integrated into installations for "development" or for one or more phases of "production".

"Radiation Hardened"

Components or equipment capable of withstanding radiation levels which meet or exceed a total irradiation dose of 5×10^5 rads (Si).

"Software"

A collection of one or more "programmes" or "microprogrammes" fixed in any tangible medium of expression.

"Specially Designed"

Equipment, parts, components or software which, as a result of "development" have unique properties that distinguish them for certain predetermined purposes. For example, a piece of equipment that is "specially designed" for use in a missile will only be considered so if it has no other function or use. Similarly, a piece of manufacturing equipment that is "specially designed" to produce a certain type of component will only be considered such if it is not capable of producing other types of components.

"Technical assistance"

May take forms, such as: instruction, skills, training, working knowledge, consulting services. N.B. "Technical assistance" may involve transfer of "technical data".

"Technical data"

May take forms such as blueprints, plans, diagrams, models, formulae, tables, engineering designs and specifications, manuals and instructions written or recorded on other media or devices such as disk, tape, read-only memories.

"Technology"

Specific information necessary for the "development", "production" or "use" of a product. The information takes the form of "technical data" or "technical assistance". "Technology" includes "software", in any medium or form, "specially designed" to facilitate the "development", "production" or "use" of items embargoed in this group.

"Technology" also includes "software", in any medium or form, which is "specially designed" and incorporated in any items embargoed in this group.

"Use"

Operation, installation (including on-site installation), maintenance (checking), repair, overhaul and refurbishing.

"Usable In" or "Capable Of"

Equipment, parts, components or software which are suitable for a particular purpose. There is no need for the equipment, parts, components or software to have been configured, modified or specified for the particular purpose. For example, any military specification memory circuit would be "capable of" operation in a guidance system.