

---

Very Sensitive List

---

**VERY SENSITIVE LIST OF DUAL-USE GOODS AND TECHNOLOGIES**

N.B. Where abbreviated entries are used, see List of Dual-Use Goods and Technologies for full details. Text that differs from that in the List of Dual-Use Goods and Technologies is shaded.

Category 1

- 1.A.2.a. "Composite" structures or laminates consisting of an organic "matrix" and materials specified by 1.C.10.c. or 1.C.10.d.
- 1.C.1. Materials specially designed for use as absorbers of electromagnetic waves...
- 1.C.12. Materials as follows...
- 1.E.1. "Technology" according to the General Technology Note for the "development" or "production" of equipment and materials specified by 1.A.2 or 1.C. of this List.

Category 2 None

Category 3 None

Category 4 None

Category 5 - Part 1

- 5.A.1.b.5. Digitally controlled radio receivers...
- 5.D.1.a. "Software" specially designed for the "development" or "production" of equipment, functions or features specified by Category 5, Part 1 of this List.
- 5.E.1.a. "Technology" according to the General Technology Note for the "development" or "production" of equipment, functions, features or "software" specified by Category 5, Part 1 of this List.

Category 5 - Part 2 None

---

Very Sensitive List

---

Category 6

- 6.A.1.a.1.b.1. Object detection or location systems, having a sound pressure level exceeding 210 dB (reference 1  $\mu$ Pa at 1 m) and an operating frequency in the band from 30 Hz to 2 kHz.
- 6.A.1.a.2.a.1. Hydrophones...Incorporating...
- 6.A.1.a.2.a.2. Hydrophones...Incorporating flexible assemblies...
- 6.A.1.a.2.a.3. Hydrophones...Having any...
- 6.A.1.a.2.a.5. Hydrophones...Designed to operate ...
- 6.A.1.a.2.a.6. Hydrophones...Designed for...
- 6.A.1.a.2.b. Towed acoustic hydrophone arrays...
- 6.A.1.a.2.c. Processing equipment, specially designed for real time application with towed acoustic hydrophone arrays, having "user accessible programmability" and time or frequency domain processing and correlation, including spectral analysis, digital filtering and beamforming using Fast Fourier or other transforms or processes;
- 6.A.1.a.2.e. Bottom or bay cable systems having any of the following:  
1. Incorporating hydrophones... or  
2. Incorporating multiplexed hydrophone group signal modules ...
- 6.A.1.a.2.f. Processing equipment, specially designed for real time application with bottom or bay cable systems, having "user accessible programmability" and time or frequency domain processing and correlation, including spectral analysis, digital filtering and beamforming using Fast Fourier or other transforms or processes;
- 6.A.2.a.1.c. "Space-qualified" solid-state detectors...
- 6.A.8.1.3. Radar systems...Having data processing... Processing for...
- 6.B.8. Pulse radar cross-section...
- 6.D.1. "Software" specially designed for the "development" or "production" of equipment specified by 6.A.8., or 6.B.8. of this List.
- 6.D.3.a. "Software", as follows: ...
- 6.E.1. "Technology" according to the General Technology Note for the "development" of equipment or "software" specified by 6.A., 6.B., or 6.D. of this List.
- 6.E.2. "Technology" according to the General Technology Note for the "production" of equipment specified by 6.A. or 6.B. of this List.

---

Very Sensitive List

---

Category 7

- 7.D.3.a. "Software" specially designed or modified to...  
7.D.3.b. "Source code" for...

Category 8

- 8.A.1.b. Manned, untethered submersible vehicles...  
8.A.1.d. Unmanned, untethered submersible vehicles...  
8.A.2.o.3.b. Active noise reduction or cancellation systems...  
8.D.1. "Software" specially designed for the "development" or "production" of equipment specified by 8.A. of this List.  
8.E.1. "Technology" according to the General Technology Note for the "development" or "production" of equipment specified by 8.A. of this List.

Category 9

- 9.A.11. Ramjet, scramjet or combined cycle engines...  
9.D.1. "Software" specially designed or modified for the "development" of equipment or "technology" specified by 9.A. or 9.E.3. of this List.  
9.D.2. "Software" specially designed or modified for the "production" of equipment specified by 9.A. of this List.  
9.E.1. "Technology" according to the General Technology Note for the "development" of equipment or "software" specified by 9.A.11. or 9.D. of this List.  
9.E.2. "Technology" according to the General Technology Note for the "production" of equipment specified by 9.A.11. of this List.  
9.E.3.a.1. Other "technology"...Gas turbine blades...  
9.E.3.a.3.a. "Technology" "required" for ...  
Components manufactured from...  
Organic "composite" materials designed to operate above 588 K (315°C).