

(a) Making conforming changes of the revised CTP parameter in 4A003.b to the XP control in the License Requirements section;

(b) Making the existing heading paragraph (a) in the items paragraph of the List of Items Controlled section; and

(c) Adding a new paragraph for other “software”.

- ECCN 4D994 is amended by revising the heading to prevent an overlap of controls between 4D001 and 4D994.

- ECCN 4E001 is amended by:

(a) Making conforming changes of the revised CTP parameter in 4A003.b to the XP control in the License Requirements section;

(b) Making the existing heading paragraph (a) in the items paragraph of the List of Items Controlled section; and

(c) Adding a new paragraph for other “technology”.

- ECCN 4E992 is amended by revising the heading to prevent an overlap of controls between 4E001 and 4E992.

#### *Category 5—Part I—Telecommunications*

- ECCN 5A001 is amended by:

(a) Adding new text regarding frequency range and output power in 5A001.b.2.b.2;

(b) Adding “output” after “voice coding” in 5A001.b.6; and

(c) Adding a new technical note after 5A001.b.6.

- ECCN 5A991 is amended by correcting the numbering of the paragraphs in 5A991.b.6.

- ECCN 5B001 is amended by:

(a) Revising the parameter for radio equipment employing quadrature-amplitude-modulation (QAM) techniques from “above level 128” to “above level 256” in 5B001.b.4; and

(b) Revising text regarding equipment employing “common channel signaling” in 5B001.b.5.

**Note:** For commodities no longer controlled under ECCN 5B001, there is a license requirement under ECCN 5B991 for exports and reexports to AT Column 1 countries of the Commerce Country Chart.

- ECCN 5D001 is amended by:

(a) Correcting a paragraph citation in the CIV and TSR eligibility paragraphs of the License Exceptions section from “5A001.b.4” to read “5A001.b.5”; and

(b) Revising the parameter for radio equipment employing quadrature-amplitude-modulation (QAM) techniques from “above level 128” to “above level 256” in 5D001.d.4.

**Note:** For commodities no longer controlled under ECCN 5D001, there is a license requirement under ECCN 5D991 for

exports and reexports to AT Column 1 countries of the Commerce Country Chart.

- ECCN 5E001 is amended by:

(a) Revising the parameter for radio equipment employing quadrature-amplitude-modulation (QAM) techniques from “above level 128” to “above level 256” in 5E001.c.4.a; and

(b) Revising text regarding equipment employing “common channel signaling” in 5E001.c.5.

**Note:** For commodities no longer controlled under ECCN 5E001, there is a license requirement under ECCN 5E991 for exports and reexports to AT Column 1 countries of the Commerce Country Chart.

#### *Category 5—Part II—Information Security*

- ECCN 5A002 is amended by:

(a) Moving and rearranging the text that describes what is not controlled in this entry from the Related Controls paragraph of the List of Items Controlled section to a Note in the beginning of the Item paragraph of the List of Items Controlled section;

(b) Dividing the existing text in paragraph (a) of the note (regarding “personalized smart cards”) into subparagraph 1 and a N.B.; and

(c) Moving the related control note in paragraph 2 of the Related Definitions paragraph of the List of Items Controlled section to a N.B. following 5A002.a.

#### *Category 6—Sensors*

- ECCN 6A001 is amended by:

(a) Removing from LVS eligibility, because these items have been added to Annex 2 of the Wassenaar List:

(1) 6A001.a.1.b.1 object detection and location systems having a transmitting frequency below 5 kHz or a sound pressure level exceeding 210 dB (reference 1  $\mu$ Pa at 1 m) for equipment with an operating frequency in the band from 30 kHz to 2 kHz inclusive; and

(2) 6A001.a.2.a.4 hydrophones when designed to operation at depths exceeding 35 m with acceleration compensation.

(b) Removing paragraph 6A001.a.2.a.2.b piezoelectric polymers, and redesignating paragraph 6A001.a.2.a.2.c flexible piezoelectric ceramic materials as 6A001.a.2.a.2.b.

**Note:** For commodities no longer controlled under ECCN 6A001, there is a license requirement under ECCN 6A991 for exports and reexports to AT Column 1 countries of the Commerce Country Chart.

- ECCN 6A002 is amended by:

(a) Revising the parameter for image intensifier tubes in 6A002.a.2.a.2 from 15  $\mu$ m to 12 $\mu$ m;

(b) Clarifying the text of 6A002.a.2.a.3 regarding photocathodes;

(c) Revising the parameter for photocathodes in 6A002.a.2.a.3.a from 240  $\mu$ A/lm to 350  $\mu$ A/lm;

(d) Deleting the word “control” and inserting “apply to” in the note for 6A002.a.2.a.3.c;

(e) Revising the parameter for specially designed components for image intensifier tubes in 6A002.a.2.b.1 from 15  $\mu$ m to 12 $\mu$ m;

(f) Adding a new technical note 2 for 6A002.a.3 to define “cross scan direction” and “scan direction”;

(g) Revising the text of 6A002.a.3.c to apply only to 2-dimensional arrays;

(h) Adding new paragraphs 6A002.a.3.d and .e to control non-“space-qualified” linear (1-dimensional) “focal plane arrays”

Fixing the abbreviation for milliradians to read “mrad” instead of “mr” in 6A002.b.1 and 6A002.b.2.b.2.

**Note:** For commodities no longer controlled under ECCN 6A002, there is a license requirement under ECCN 6A992 for exports and reexports to AT Column 1 countries of the Commerce Country Chart.

- ECCN 6A003 is amended by:

(a) Adding a new parameter “peak response” in 6A003.b.1 for video cameras incorporating solid state sensors; and

(b) Redesignating paragraphs 6A003.b.2.a and b.2.b as b.2.b and b.2.c. and adding a new parameter “peak response” in 6A003.b.2.a for scanning cameras and scanning camera systems.

- ECCNs 6A004 and 6A008 are amended by fixing the abbreviation for radian to read “rad” instead of “r” in 6A004.d.2, .d.3.c, .d.3.d.1, .d.3.d.2, and 6A008.j.2.

- ECCN 6A992 is amended to add a paragraph for “direct view imaging equipment operating in the visible or infrared spectrum, incorporating image intensifier tubes having the characteristics listed in 6A992.a.1.” to assure that this technology is not decontrolled, but retains an AT control.

- ECCNs 6E001 and 6E002 are amended by removing License Exception TSR eligibility for exports and reexports to destinations outside of Austria, Belgium, Canada, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Japan, Luxembourg, the Netherlands, Portugal, Spain, Sweden, or the United Kingdom of “technology” for the “development” of 6A001.a.2.a.4.

#### *Category 7—Navigation and Avionics*

- ECCN 7A003 is amended by:

(a) Removing the “or” from the end of Note 1, paragraph 1.b; and

(b) Fixing the abbreviation for radian to read “rad” instead of “r” in 7A003, Note 1, paragraph 2.