

systems specially designed for “real time processing” equipment; and removing the License Requirements Note that referred to a Wassenaar reporting requirement.

- ECCN 4D993 is amended by revising the heading and paragraph 4D993.c to harmonize with the revisions made to 4D003, including revising the “global interrupt latency time” from “less than 30” to “less than 20 microseconds” to maintain AT controls on this software. In addition, the definition for “global interrupt latency time” has been moved from section 772.1 of the EAR to the Related Definition section of this ECCN.

#### Category 5—Part I—Telecommunications

- ECCN 5A001 is amended by adding a new paragraph 5A001.b.4, to add “radio equipment employing “time-modulated ultra-wideband” techniques, having user programmable channelizing or scrambling codes” to the list of items controlled under 5A001; and redesignate paragraphs 5A001.b.4 through 5A001.b.5 as paragraphs 5A001.b.5 through 5A001.b.6.

- ECCN 5A991 is amended by moving the definitions for “integrated services digital network” (ISDN) and “gateway” from section 772.1 of the EAR to the Related Definitions section of this entry, and exchanging double quotes for single quotes around these terms in this entry.

- ECCN 5B001 is amended by removing the words “not using semiconductor ‘lasers’” from the note for 5B001.a.

- ECCN 5E001 is amended by harmonizing the TSR License Exception paragraph to harmonize with revisions made to 5A001.b; and revising the control language in 5E001.b.3 for the “technology” for the “development” of digital cellular radio systems.

- ECCN 5E991 is amended by adding definitions for ‘Synchronous digital hierarchy’ (‘SDH’) and ‘Synchronous optical network’ (‘SONET’) to the Related Definitions paragraph of the List of Items Controlled section; and changing the double quotes to single quotes around these terms in 5E991.a.2.

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

- ECCN 5A002 is amended by:
  - (1) Revising the Heading to add “as follows (see List of Items Controlled)”;
  - (2) Revising the Related Controls paragraph in the List of Items Controlled section to add the phrase “contents stored on” to (d)(2)(a);

- (3) Adding a new paragraph 5A002.a.6, to control “Systems, equipment, application specific

“electronic assemblies”, modules and integrated circuits for “information security,” and other specially designed components that are designed or modified to use cryptographic techniques to generate channelizing or scrambling codes for “time-modulated ultra-wideband” systems; and by redesignating paragraphs 5A002.a.6 and 5A002.a.7 as 5A002.a.7 and 5A002.a.8;

- ECCN 5B002 is amended by removing the License Requirement Note referencing a Wassenaar reporting requirement.

- ECCN 5E002 is amended by removing the License Requirement Note referencing a Wassenaar reporting requirement.

#### Category 6—Sensors

- ECCN 6A001 is amended by:

- (1) Fixing the abbreviations for the various units of measurement in 6A001a.1.b, a.1.c., a.2.a.3, and the technical note after a.2.a.5; and

- (2) Removing the “or” at the end of 6A001.a.1.d.

- ECCN 6A005 is amended by:

- (1) Revising the text “having all” to read “having any” in 6A005.b.1;

- (2) Revising the text in 6A005.b.1.a that reads “A wavelength of less than” to read “A wavelength equal to or less than”;

- (3) Revising the text in 6A005.b.1.a that describes the parameter for wavelength: from “950 nm” to “1500 nm”; and

- (4) Revising the text in 6A005.b.1.a “or more than 2000 nm; and” to read “and having an average or CW output power exceeding 1.5 W; or”.

- (5) Revising the text in 6A005.b.1.b “An average or CW output power exceeding 100 mW” to read “A wavelength greater than 1510 nm, and having an average or CW output power exceeding 500 mW”

- ECCN 6A008 is amended by revising the phrase “any of the characteristics” to read “any of the following characteristics” in the heading.

- ECCN 6C992 has been revised by moving the definition for “beat length” from section 772.1 of the EAR to the Related Definition section of this ECCN and exchanging the double quotes for single quotes around this term as it appears in this entry.

- ECCN 6C994 has been revised by moving the definition for “fluoride fibers” and “optical fiber preforms” from section 772.1 of the EAR to the Related Definitions section of this ECCN, and exchanging the double quotes for single quotes around these terms as they appear in this entry.

- ECCN 6D003 is amended by:

- (1) Harmonizing the text of 6D003.a.3 with that of the Wassenaar Arrangement; and

- (2) Adding paragraph 6D003.a.4, “source code” for the “real time processing” of acoustic data for passive reception using bottom or bay cable systems.

#### Category 7—Navigation and Avionics

- ECCN 7A003 is amended by:
  - (1) Adding the abbreviation (INS) after Inertial Navigation Systems in the heading and removing the detailed description of INS from the heading;

- (2) Adding the definition for “Data-Based Referenced Navigation” (“DBRN”) to the Related Definitions section;

- (3) Reformatting paragraphs 7A003.a and 7A003.b.;

- (4) Adding Technical Notes 1 and 2 after Note 2.

- ECCN 7D002 is amended by harmonizing the heading text with that of the Wassenaar Arrangement.

- ECCN 7D003 is amended by:
  - (1) Adding the definition for “Data-Based Referenced Navigation” (“DBRN”) to the Related Definitions section;

- (2) Removing the text “navigation data” from the end of paragraph 7D003.b;

- (3) Adding the word “data” after the word “velocity” in paragraph 7D003.b.1; and

- (4) Revising paragraph 7D003.b.3 from reading “Terrain data from data bases” to read “Data from “Data-Based Referenced Navigation” (“DBRN”)”.

#### Category 8—Marine

- ECCN 8A002 is amended by:
  - (1) Revising the Related Controls paragraph of the List of Items Controlled section to include “8A002 does not control closed and semi-closed circuit (rebreathing) apparatus that is controlled under 8A018.a. See also 8A992 for self-contained underwater breathing apparatus that is not controlled by 8A002 or released for control by the 8A002.q Note.”

- (2) Adding paragraph 8A002.q and the 8A002.q Note to harmonize with the Wassenaar Arrangement List.

- ECCN 8A018 is amended by:

- (1) Revising the Related Controls paragraph of the List of Items Controlled section to include a reference to 8A002 and 8A992.

- (2) Revising the phrase in paragraph 8A018.a “Closed and semi-closed circuit (rebreathing) apparatus for diving and underwater swimming” to read “Closed and semi-closed circuit (rebreathing) apparatus specially designed for military use”, to harmonize with the Wassenaar Arrangement.