

Sensors and Instrumentation Technical Advisory Meeting (SITAC)

MINUTES OF MEETING

April 28, 2020

Teleconference

The Committee advises the Office of the Assistant Secretary for Export Administration on technical questions that affect the level of export controls applicable to sensors, lasers, and instrumentation equipment and technology.

SITAC Meeting Agenda

Open Session

Introductions : Jennifer Douris O'Bryan

Remarks from the USG

- Summary of Licensing Statistics : Costanzo
- Covid-19 impact on SITAC members : Open discussion to attendees
- BIS Leadership Overview: Matt Borman
 - Covid-19 impact on BIS Operations
 - Changes to 744.2 related to China- Timing
 - Emerging & Foundational Technology update- Has publication been purposely delayed?
 - Wassenaar Update- Effect of Covid-19 on meeting schedule and ability to adopt proposals this year
- Uncooled IR Foreign Availability Assessment Update : Jennifer Douris O'Bryan
- Single-mode Laser Proposal : Jennifer Douris O'Bryan / Michael Rithmire
- Industrial Laser Proposal : Jennifer Douris O'Bryan / Michael Rithmire
- Tunable Laser Proposal : Jennifer Douris O'Bryan ? Michael Rithmire

Open Session Detail:

- Introductions
 - Ms. Jennifer Douris-O'Bryan¹ opened the meeting with an introduction of the USG attendees. Normally all attendees would complete a sign-in sheet or be asked to provide their information over the telephone. However, the chair believed that this would be cumbersome due to the phone system.
 - *Members of the United States Government (USG) attending this meeting*

¹ Jennifer Douris-O'Bryan works for SPIE as a lobbyist.

included Mr. Matt Borman (DAS), Dr. Christopher Costanzo (DFO) and John Varesi (BIS-Engineer).

- BIS Statistics

- Dr. Christopher Costanzo described the Bureau's licensing statistics pertaining to Category 6..

ECCN 6A993 Cameras not controlled by 6A003 / 6A203

10/1/19 – 4/15/20

Total of 105 export applications were processed and valued at \$7,595,393.

Of these 90 were approved (\$7,323,839), 0 were denied, and 15 were RWA'd (\$271,554). The top five destinations for 6A993 items by dollar value were Oman (\$1,332,000 – 3 licenses), Ukraine (\$1,211,000 – 3 licenses), Norway (\$1,018,836 – 5 licenses), the Netherlands (\$891,550 – 6 licenses), and Uzbekistan (\$502,530 – 2 licenses).

10/1/18 – 4/15/19

Total of 92 export application was processed and valued at \$7,348,036.

(14% increase in license applications and 3% increase in license application value over prior period)

ECCN 6A990 Read-out integrated circuits

10/1/19 – 4/15/20

Total of 1 export application was processed and valued at \$26,500. It was RWA'd and there were no denials.

10/1/18 – 4/15/19

Total of 1 export application was processed and valued at \$76,500.

(no change in license applications but decrease of 65% in license application value over prior period)

ECCN 6A008 Radar Systems / Equipment / Assemblies.

10/1/19 – 4/15/20

Total of 11 export applications were processed and valued at \$14,882,802.

Of these 7 were approved (\$10,382,338), 0 were denied, and 4 were RWA'd (\$4,500,464). The top destination for 6A008 items by dollar value were Germany (\$6,000,000), Singapore (\$1,698,924), Egypt (\$1,500,000), and South Korea (\$1,120,616).

10/1/18 – 4/15/19

Total of 13 export applications were processed and valued at \$12,005,887.

(15% decrease in license applications but an increase of 24% in license application value from prior period)

ECCN 6A007 Gravity meters / Gravity gradiometers.

10/1/19 – 4/15/20

Total of 1 export application was processed during this time period and valued at \$850,000.

10/1/18 – 4/15/19

Total of 0 export applications were processed during this time period.

ECCN 6A006 Magnetometers.

10/1/19 – 4/15/20

Total of 17 export applications were processed and valued at \$16,446,160.

Of these 16 were approved (\$16,406,160), 0 were denied, and 1 was RWA'd (\$40,000). The top destination for 6A006 items by dollar value was the UK (\$8,259,234 – 2 licenses), France (\$3,050,000 – 2 licenses), Singapore (\$2,937,200 – 1 license) and Norway (\$1,640,000 – 2 licenses).

10/1/18 – 4/15/19

Total of 9 export applications were processed and valued at \$3,739,500.

(88% increase in license applications but an increase of 440% in license application value from prior period)

ECCN 6A005 lasers.

10/1/19 – 4/15/20

Total of 126 export applications were processed and valued at \$281,415,955. Of these 106 were approved (\$256,866,293), 5 were denied (\$902,360), and 15 were RWA'd (\$23,647,302). The top destination for 6A005 items by dollar value was the PRC (\$136,334,243 – 75 licenses), Thailand (\$62,616,728 – 11 licenses), Hong Kong (\$35,000,000 – 2 licenses), Taiwan (\$16,998,000 – 3 licenses), and Malaysia (\$4,923,636 – 4 licenses).

10/1/18 – 4/15/19

Total of 84 export applications were processed and valued at \$113,454,433.

(50% increase in license applications but an increase of 147% in license application value from prior period)

ECCN 6A004 optics.

10/1/19 – 4/15/20

Total of 8 export applications were processed and valued at \$1,379,761.

Of these, 1 export application was approved (\$10,000), 2 were denied (\$49,448), and 5 were RWA'd (\$1,320,313).

10/1/18 – 4/15/19

Total of 9 export applications were processed and valued at \$585,675.

(11% decrease in license applications but an increase of 135% in license application value from prior period)

ECCN 6A003 cameras.

10/1/19 – 4/15/20

Total of 698 export applications were processed and valued at \$359,362,452. Of these 622 were approved (\$336,412,293), 4 were denied (\$339,198), and 72 were RWA'd (\$22,610,961). The top destinations for 6A003 items by dollar value were UAE (\$165,520,838 – 19 licenses), Turkey (\$30,437,543 – 19 licenses), Norway (\$20,058,076 – 12 licenses), France (\$15,341,888 – 18 licenses), Vietnam (\$14,401,112 – 12 licenses), Israel (\$9,414,424 – 29 licenses), Portugal (\$7,193,321 – 6 licenses), Latvia (\$5,085,667 – 5 licenses), and Qatar (\$5,054,260 – 5 licenses).

10/1/18 – 4/15/19

Total of 552 export applications were processed and valued at \$203,977,163.

(26% increase in license applications and an increase of 64% in license application value from prior period)

ECCN 6A002 optical sensors.

10/1/19 – 4/15/20

Total of 65 export applications were processed and valued at \$78,938,425.

Of these, 42 export applications were approved (\$65,070,800), 0 were denied, and 23 were RWA'd (\$13,867,625). The top destination for 6A002 items by dollar value was Norway (\$39,500,000 -1 license), Sweden (\$12,973,544 – 9 licenses), Lithuania (\$2,500,000 – 1 license), Germany (\$1,800,000 – 1 license), Israel (\$1,400,000 – 2 licenses), Chile (\$1,372,000 – 1 license), UK (\$1,250,000 – 2 licenses), and France (\$1,010,000 – 1 license).

10/1/18 – 4/15/19

Total of 44 export applications were processed and valued at \$65,516,870.

(47% increase in license applications and an increase of 20% in license application value from prior period)

ECCN 6A001 acoustics.

10/1/19 – 4/15/20

Total of 61 export applications were processed and valued at \$7,633,790,649. Of these, 44 export applications were approved (\$7,324,876,655), 2 were denied (\$78,500), and 4 were RWA'd (\$308,835,494). The top destination for 6A001 items by dollar value was Nigeria (\$3,118,500,000 – 1 license), Norway (\$2,855,310,218 – 11 licenses), UK (\$847,851,522 – 2 licenses), Singapore (\$251,486,070 – 9 licenses), and the UAE (\$199,167,911 – 4 licenses).

10/1/18 – 4/15/19

Total of 46 export applications were processed and valued at \$4,168,111,029.

(32% increase in license applications and an increase of 83% in license application value from prior period)

- The DFO, Christopher R. Costanzo announced his retirement effective 1 May 2020.
- Upcoming Meetings
 - The SITAC will meet 28 July 2020 at 9:30am EST at the U.S. Department of Commerce, Washington, DC, 20230.