How to Classify Your Item
How is my Item Classified for Export Control Purposes?

- Commerce Control List ("CCL")
- Export Control Classification Number ("ECCN")
- Reasons for Control
- Commerce Country Chart
- Classification of the Item
- Technology & Software Controls
Commerce Control List ("CCL")
Supplement 1 to Part 774

- In conjunction with the Commerce Country Chart, it is used to determine whether a license is required for a particular item based on the destination.

- List of Items under the export control jurisdiction of BIS (in addition to other items subject to the EAR).
Structure of the Commerce Control List

- Supplement 1 to Part 774
  - Ten Categories
  - Five Product Groups
  - Alphabetical Index
  - Numerical Index
  - Entries (Export Control Classification Number)

- Supplement 2 to Part 774
  - General Technology Note
  - General Software Note
What is an Export Control Classification Number (“ECCN”)?

- Entries used to identify items on the Commerce Control List
- Consist of a set of digits and a letter
  - e.g. 3A001, 5B992, 1C350
- Identifies the type of controls associated with the item.
The Structure of the ECCN

- Category: 0
- Product Group: 0
- Type of Control: A 018
### Categories of the Commerce Control List

<table>
<thead>
<tr>
<th>Category</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Miscellaneous &amp; Nuclear Materials</td>
</tr>
<tr>
<td>1</td>
<td>Materials, Chemicals, Microorganisms, and Toxins</td>
</tr>
<tr>
<td>2</td>
<td>Materials Processing</td>
</tr>
<tr>
<td>3</td>
<td>Electronics</td>
</tr>
<tr>
<td>4</td>
<td>Computers</td>
</tr>
<tr>
<td>5</td>
<td>Part 1-Telecommunication</td>
</tr>
<tr>
<td>5</td>
<td>Part 2-Information Security</td>
</tr>
<tr>
<td>6</td>
<td>Sensors &amp; Lasers</td>
</tr>
<tr>
<td>7</td>
<td>Navigation &amp; Avionics</td>
</tr>
<tr>
<td>8</td>
<td>Marine</td>
</tr>
<tr>
<td>9</td>
<td>Aerospace &amp; Propulsion</td>
</tr>
</tbody>
</table>
Product Groups of the Commerce Control List

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Systems, Equipment &amp; Components</td>
</tr>
<tr>
<td>B</td>
<td>Test, Inspection &amp; Production Equipment</td>
</tr>
<tr>
<td>C</td>
<td>Materials</td>
</tr>
<tr>
<td>D</td>
<td>Software</td>
</tr>
<tr>
<td>E</td>
<td>Technology</td>
</tr>
</tbody>
</table>
## Type of Controls Associated with Entry

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>National Security Reasons</td>
</tr>
<tr>
<td>1</td>
<td>Missile Technology Reasons</td>
</tr>
<tr>
<td>2</td>
<td>Nuclear Nonproliferation Reasons</td>
</tr>
<tr>
<td>3</td>
<td>Chemical &amp; Biological Weapons Reasons</td>
</tr>
<tr>
<td>5</td>
<td>National Security or Foreign Policy</td>
</tr>
<tr>
<td>6</td>
<td>Wassenaar Arrangement Munitions List (WAML) or former US Munitions List (USML)</td>
</tr>
</tbody>
</table>
| 9    | Anti-terrorism  
Crime Control  
Regional Stability  
Short Supply  
UN Sanctions  
Surreptitious Listening |
Most of the time related items are grouped in series.

3A001
- Equipment, assemblies and components

3B001
- Test, inspection and production equipment

3C001
- Materials

3D001
- Software

3E001
- Technology
How to Read an ECCN

0A979 Police helmets and shields; and “specially designed” “components”, n.e.s.

License Requirements

Reason for Control: CC
Control(s) Country Chart
(See Supp. No. 1 to part 738)

CC applies to entire entry CC Column 1

License Exceptions

LVS: N/A
GBS: N/A
CIV: N/A

List of Items Controlled

Related Controls: N/A
Related Definitions: N/A
Items:

The list of items controlled is contained in the ECCN heading.
# How to Read an ECCN

**0A979 Police helmets and shields; and “specially designed” “components”, n.e.s.**

<table>
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<tr>
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<td><strong>Reason for Control:</strong></td>
<td>CC</td>
</tr>
<tr>
<td><strong>Control(s):</strong></td>
<td>Country Chart (See Supp. No. to part 738)</td>
</tr>
<tr>
<td>CC applies to entire entry</td>
<td>CC Column 1</td>
</tr>
</tbody>
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<tr>
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<tr>
<td>Items:</td>
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</table>

The list of items controlled is contained in the ECCN heading.
What are the Reasons for Control of Items under the EAR?

- NP = Nuclear Nonproliferation
- NS = National Security
- RS = Regional Stability
- SI = Significant Item
- SL = Surreptitious Listening
- SS = Short Supply
- UN = United Nations Arms Embargo
- AT = Anti-Terrorism
- CB = Chemical & Biological Weapons
- CC = Crime Control
- CW = Chemical Weapons Convention
- EI = Encryption Item
- FC = Firearms Convention
- MT = Missile Technology
How to Read an ECCN

0A979 Police helmets and shields; and “specially designed” “components”, n.e.s.

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(See Supp. No. 1 to part 738)

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How to Read an ECCN

0A979 Police helmets and shields; and “specially designed” “components”, n.e.s.

License Requirements

Reason for Control: CC
Control(s)

Country Chart
(See Supp. No. 1 to part 738)

License Exceptions

LVS: N/A
GBS: N/A
CIV: N/A

CC applies to entire entry CC Column 1

List of Items Controlled

Related Controls: N/A
Related Definitions: N/A
Items:

The list of items controlled is contained in the ECCN heading.
**EAR99 Items**

- Items that are not specifically listed on the Commerce Control List yet subject to the EAR, use the designation EAR99 in place of an ECCN.

- This designation may be found at the end of every category of the CCL:

> *EAR99 Items subject to the EAR that are not elsewhere specified in this CCL Category or in any other category in the CCL are designated by the number EAR99.*
No License Required ("NLR")

- When an item *is not listed on the CCL* but falls under the scope of the EAR *and no General Prohibitions* apply to the export.

- When an item *is listed on the CCL* but does not require a license to the destination *and no General Prohibitions* apply to the export.
How can you obtain the ECCN of your item?

1. Ask the manufacturer, but verify...

2. Self-classify
   - Work with the company engineer or someone who knows the item

3. Submit a formal classification request to BIS
An Approach to Self-Classifying Items

- Review of general characteristics of the item to narrow down to appropriate Category
- Consider an index comparison
- Read ECCN “Item” heading under “List of Items Controlled”
- Match particular characteristics, functions, and applications to a specific ECCN

Pay attention to Related Controls and Related Definitions with the ECCN Entry!
Other Useful Guidance when Classifying your Item

- Technical Notes and Advisory Notes in items list
- n.e.s.-not elsewhere specified
- Part 772 Definitions
- Part 770 Interpretations
  - Clarifies scope of controls on CCL for certain items
Software & Technology

- Most software and technology is controlled based on hardware.
- If your item is “development”, “production”, or “use” technology or software, it will be necessary to classify the related end-item hardware.
General Software Note
Supplement 2 to Part 774

- Over the Counter/Retail Sale/User installed
- Designated terrorism supporting destinations
  - Iran, Sudan, and Syria
- Linked to License Exceptions TSU
  - “Mass Market” software
- Special Encryption Policy
  - Category 5, Part 2
General Technology Note
Supplement 2 to Part 774

- Technology “required” for the “development”, “production”, or “use” of a controlled product remains controlled even when it is applicable to an uncontrolled product.
Exercises
Exercise #5: Classifying Machine Tools
Milling Machine Tool

b. Machine tools for milling, having any, of the following characteristics:
   1. a. Positioning accuracy with “all compensations available” equal to or less (better) than 6 µm according to ISO 230/2 (1988) or national equivalents along any linear axis; and
   b. Three linear axes plus one rotary axis which can be coordinated simultaneously for “contouring control”

   2. Five or more axes which can be coordinated simultaneously for “contouring control”, or

   1. A positioning accuracy for jig boring machines, with “all compensations available” equal or less (better) than 4 µm according to ISO 230/2 (1986) or national equivalents along linear axis.

- You acquire some new machine tools. This will assist you in both your auto parts manufacturing and civil aircraft parts business.
- What is your ECCN?
Exercise #8: Classifying Materials
Zirconium or Magnesium Powder

- You are the supplier of protective coatings used on high temperature components of civil gas turbine engines. Your product is made from a 99% zirconium alloy in flaked form. The finished product is encapsulated in beryllium.
- What is your ECCN?

Technical Note: The natural content of hafnium in the zirconium (typically 2% to 7%) is counted with zirconium.

Note: The metals or alloys are controlled whether or not the metals or alloys are encapsulated in aluminum, magnesium, zirconium, or beryllium.
Exercise #10(b): Classifying Commodity/Software
Polygraph and Related Software

You are the manufacturer of polygraph machines and related software. You get an inquiry from Turkey for one polygraph machine.
– What is your ECCN?

You get an inquiry from Romania for software to develop polygraph machines.
– What is the ECCN?
The same customer now wants to buy the software necessary to operate, install, maintain, repair, and overhaul the polygraph.
– What is the ECCN?
If you cannot Self-Classify your item...

...Request an Official Classification

File using SNAP-R (or BIS-748-P)

- “Best guess” ECCN
- Maximum of six items per request
- Item details
  - Manufacturer
  - Model/Part number
  - Applications
  - Specifications
- Include detailed technical specifications
  - Pictorial illustration, e.g. sales brochures