

(xii) Evidence of the reputation of the foreign item including, if possible, information on maintenance, repair, performance, and other pertinent factors.

Supplement No. 2 to Part 768 — Items Eligible for Expedited Licensing Procedures — [Reserved]

**PART 770
INTERPRETATIONS**

Sec.

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AUTHORITY: 50 U.S.C. app. 2401 *et seq.*; 50 U.S.C. 1701 *et seq.*; E.O. 12924, 3 CFR, 1994 Comp., p. 917; Notice of August 15, 1995 (60 FR 42767, August 17, 1995).

§770.1 Introduction.

In this part, references to the EAR are references to 15 CFR chapter VII, subchapter C. This part provides commodity, technology, and software interpretations. These interpretations clarify the scope of controls where such scope is not readily apparent from the Commerce Control List (CCL) (see Supplement No. 1 to part 774 of the EAR) and other provisions of the Export Administration Regulations.

§770.2 Commodity interpretations.

(a) *Interpretation 1: Anti-friction bearing or bearing systems and specially designed parts.*

(1) Anti-friction bearings or bearing systems shipped as spares or replacements are classified under Export Control Classification Numbers (ECCNs) 2A001, 2A002, 2A003, 2A004, 2A005, and 2A006 (ball, roller, or needle-roller bearings and parts). This applies to separate shipments of anti-friction bearings or bearing systems and anti-friction bearings or bearing systems shipped with machinery or equipment for which they are intended to be used as spares or replacement parts.

(2) An anti-friction bearing or bearing system physically incorporated in a segment of a machine or in a complete machine prior to shipment loses its identity as a bearing. In this scenario, the machine or segment of machinery containing the bearing is the item subject to export control requirements.

(3) An anti-friction bearing or bearing system not incorporated in a segment of a machine prior to shipment, but shipped as a component of a complete unassembled (knocked-down) machine, is considered a component of a machine. In this scenario, the complete machine is the item subject to export license requirements.

(b) *Interpretation 2: Classification of “parts” of machinery, equipment, or other items.*

(1) *An assembled machine or unit of equipment is being exported.* In instances where one or more assembled machines or units of equipment are being exported, the individual component parts that are physically incorporated into the machine or equipment do not require a license. The license or general exception under which the complete machine or unit of equipment is exported will also cover its component parts, provided that the parts are normal and usual components of the machine or equipment being exported, or that the physical incorporation is not used as a device to evade the requirement for a license.

(2) *Parts are exported as spares, replacements, for resale, or for stock.* In instances where parts are exported as spares, replacements, for resale, or for stock, a license is required only if the appropriate entry for the part specifies that a license is required for the intended destination.

(c) *Interpretation 3: Wire or cable cut to length.*

(1) Wire or cable may be included as a component of a system or piece of equipment, whether or not the wire or cable is cut to length and whether or not it is fitted with connectors at one or both ends, so long as it is in normal quantity necessary to make the original installation of the equipment and is necessary to its operation.

(2) Wire or cable exported as replacement or spares, or for further manufacture is controlled under the applicable wire or cable ECCN only. This includes wire or cable, whether or not cut to length or fitted with connectors at one or both ends.

(d) *Interpretation 4: Telecommunications equipment and systems.* Control equipment for paging systems (broadcast radio or selectively signalled receiving systems) is defined as circuit switching equipment in Category 5 of the CCL.

(e) *Interpretation 5: Numerical control systems.*

(1) *Classification of “Numerical Control” Units.* “Numerical control” units for machine tools, regardless of their configurations or architectures, are controlled by their functional characteristics as described in ECCN 2B001.a. “Numerical control” units include computers with add-on “motion control boards”. A computer with add-on “motion control boards” for machine tools may be controlled under ECCN 2B001.a even when the computer alone without “motion control boards” is not subject to licensing requirements under Category 4 and the “motion control boards” are not controlled under ECCN 2B001.b.

(2) *Export documentation requirement.*

(i) When preparing a license application for a numerical control system, the machine tool and the control unit are classified separately. If either the machine tool or the control unit requires a license, then the entire unit requires a license. If either a machine tool or a control unit is exported separately from the system, the exported component is classified on the license application without regard to the other parts of a possible system.

(ii) When preparing the Shipper’s Export Declaration (SED), a system being shipped complete (i.e., machine and control unit), should be reported under the Schedule B number for each machine. When either a control unit or a machine is shipped separately, it should be reported under the Schedule B number appropriate for the individual item being exported.

(f) *Interpretation 6: Parts, accessories, and equipment exported as scrap.* Parts, accessories, or equipment that are being shipped as scrap should be described on the SED in sufficient detail to be identified under the proper ECCN. When commodities declared as parts, accessories, or equipment are shipped in bulk, or are otherwise not packaged, packed, or sorted in accordance with normal trade practices, the Customs Officer may require evidence that the shipment is not scrap. Such evidence may include, but is not limited to, bills of sale, orders and correspondence indicating whether the commodities are scrap or are being exported for use as parts, accessories, or equipment.

(g) *Interpretation 7: Scrap arms, ammunition, and implements of war.* Arms, ammunition, and implements of war, as defined in the U.S. Munitions List, and are under the jurisdiction of the U.S. Department of State (22 CFR parts 120 through 130), except for the following, which are under the jurisdiction of the Department of Commerce:

(1) Cartridge and shell cases that have been rendered useless beyond the possibility of restoration to their original identity by means of excessive heating, flame treatment, mangling, crushing, cutting, or by any other method are “scrap”.

(2) Cartridge and shell cases that have been sold by the armed services as “scrap”, whether or not they have been heated, flame-treated, mangled, crushed, cut, or reduced to scrap by any other method.

(3) Other commodities that may have been on the U.S. Munitions List are “scrap”, and therefore under the jurisdiction of the Department of Commerce, if they have been rendered useless beyond the possibility of restoration to their original identity only by means of mangling, crushing, or cutting. When in doubt as to whether a commodity covered by the Munitions List has been rendered useless, exporters should consult the Office of Defense Trade Controls, U.S. Department of State, Washington, DC 20520, or the Exporter Counseling Division, Office of Exporter Services, Room 1099A, U.S. Department of Commerce, Washington, DC 20230, before reporting a shipment as metal scrap.

(h) *Interpretation 8: Military automotive vehicles and parts for such vehicles.*

(1) *Military automotive vehicles.*

(i) For purposes of U.S. export controls, military automotive vehicles “possessing or built to current military specifications differing materially from normal commercial specifications” may include, but are not limited to, the following characteristics:

- (A) Special fittings for mounting ordnance or military equipment;
- (B) Bullet-proof glass;
- (C) Armor plate;
- (D) Fungus preventive treatment;
- (E) Twenty-four volt electrical systems;
- (F) Shielded electrical system (electronic emission suppression); or
- (G) Puncture-proof or run-flat tires.

(ii) *Automotive vehicles fall into two categories.*

(A) *Military automotive vehicles on the Munitions List, new and used.* Automotive vehicles in this category are primarily combat (fighting) vehicles, with or without armor and/or armament, “designed for specific fighting function.” These automotive vehicles are licensed for export by the U.S. Department of State (22 CFR parts 120 through 130).

(B) *Military automotive vehicles not on the U.S. Munitions List, new and used.* Automotive vehicles in this category are primarily transport vehicles designed for non-combat military purposes (transporting cargo, personnel and/or equipment, and/or for to wing other vehicles and equipment over land and

roads in close support of fighting vehicles and troops). These automotive vehicles are licensed for export by the U.S. Department of Commerce.

(iii) *Parts for military automotive vehicles.* Functional parts are defined as those parts making up the power train of the vehicles, including the electrical system, the cooling system, the fuel system, and the control system (brake and steering mechanism), the front and rear axle assemblies including the wheels, the chassis frame, springs and shock absorbers. Parts specifically designed for military automotive vehicles on the Munitions List are licensed for export by the U.S. Department of State (22 CFR parts 120 through 130).

(iv) *General instructions.* Manufacturers of non-Munitions List automotive vehicles and/or parts will know whether their products meet the conditions described in this paragraph (h). Merchant exporters and other parties who are not sure whether their products (automotive vehicles and/or parts) meet these conditions should check with their suppliers for the required information before making a shipment under general exception or submitting an application to BXA for a license.

(2) [Reserved]

(i) *Interpretation 9: Aircraft, parts, accessories and components.* Aircraft, parts, accessories, and components defined in Categories VIII and IX of the Munitions List are under the export licensing authority of the U.S. Department of State (22 CFR parts 120 through 130). All other aircraft, and parts, accessories and components therefor, are under the export licensing authority of the U.S. Department of Commerce. The following aircraft, parts, accessories and components are under the licensing authority of the U.S. Department of Commerce:

(1) Any aircraft (except an aircraft that has been demilitarized, but including aircraft specified in paragraph (i)(2) of this section) that conforms to a Federal Aviation Agency type certificate in the normal, utility, acrobatic, transport, or restricted category, provided such aircraft has not been equipped with or modified to include military equipment, such as gun mounts, turrets, rocket launchers, or similar equipment designed for military combat or military training purposes.

(2) Only the following military aircraft, demilitarized (aircraft not specifically equipped, reequipped, or modified for military operations):

(i) Cargo, bearing designations "C-45 through C-118 inclusive," and "C-121";

(ii) Trainers, bearing a "T" designation and using piston engines;

(iii) Utility, bearing a "U" designation and using piston engines;

(iv) Liaison, bearing an "L" designation; and

(v) Observation, bearing an "O" designation and using piston engines.

(3) All reciprocating engines.

(4) Other aircraft engines not specifically designed or modified for military aircraft.

(5) Parts, accessories, and components (including propellers), designed exclusively for aircraft and engines described in paragraphs (i)(1), (i)(2), (i)(3), and (i)(4) of this section.

(6) General purpose parts, accessories, and components usable interchangeably on either military or civil aircraft.

(j) *Interpretation 10: Civil aircraft inertial navigation equipment.*

(1) The Department of Commerce has licensing jurisdiction over exports and reexports to all destinations of inertial navigation systems, inertial navigation equipment, and specially designed components therefor for "civil aircraft".

(2) The Department of State, retains jurisdiction over all software and technology for inertial navigation systems and navigation equipment, and specially designed components therefor, for shipborne use, underwater use, ground vehicle use, spaceborne use or use other than "civil aircraft".

(k) *Interpretation 11: Precursor chemicals.* The following chemicals are controlled by ECCN 1C350. The appropriate Chemical Abstract Service Registry (C.A.S.) number and synonyms, (i.e., alternative names) are included to help you determine whether your chemicals are controlled by this entry. These chemicals require a license to all countries except Argentina, Australia, Austria, Belgium, Canada, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Japan, Korea (South), Luxembourg, the Netherlands, New Zealand, Norway, Poland, Portugal, Romania, Slovakia, Spain, Sweden, Switzerland, and the United Kingdom.

(1) (C.A.S. #1341-49-7) Ammonium hydrogen bifluoride

Acid ammonium fluoride

Ammonium bifluoride

Ammonium difluoride

Ammonium hydrofluoride

Ammonium hydrogen bifluoride

Ammonium hydrogen difluoride

Ammonium monohydrogen difluoride

(2) (C.A.S. #7784-34-1) Arsenic trichloride

Arsenic (III) chloride

Arsenous chloride

Fuming liquid arsenic

Trichloroarsine

(3) (C.A.S. #76-93-7) Benzoic acid

α,α -Diphenyl- α -hydroxyacetic acid

Diphenylglycolic acid

α,α -Diphenylglycolic acid

Diphenylhydroxyacetic acid

α -Hydroxy-2,2-diphenylacetic acid

2-Hydroxy-2,2-diphenylacetic acid

α -Hydroxy- α -phenylbenzeneacetic acid

Hydroxydiphenylacetic acid

(4) (C.A.S. #107-07-3) 2-Chloroethanol

2-Chloro-1-ethanol

Chloroethanol

2-Chloroethyl alcohol

Ethene chlorohydrin

Ethylchlorohydrin

Ethylene chlorohydrin

Ethylene chlorohydrin

Glycol chlorohydrin

Glycol monochlorohydrin

2-Hydroxyethyl chloride

(5) (C.A.S. #78-38-6) Diethyl ethylphosphonate

Ethylphosphonic acid diethyl ester

(6) (C.A.S. #15715-41-0) Diethyl methylphosphonite

Diethoxymethylphosphine

Diethyl methanephosphonite

0,0-Diethyl methylphosphonite

Methyldiethoxyphosphine

Methylphosphonous acid diethyl ester

(7) (C.A.S. #2404-03-7) Diethyl-N, N-dimethylphosphoro-amidate

N,N-Dimethyl-O,O'-diethyl phosphoramidate

Diethyl dimethylphosphoramidate

Dimethylphosphoramidic acid diethyl ester

(8) (C.A.S. #762-04-9) Diethyl phosphite

Diethoxyphosphine oxide

Diethyl acid phosphite

Diethyl hydrogen phosphite

Diethoxy phosphonate

Hydrogen diethyl phosphite

(9) (C.A.S. #100-37-8) N, N-Diethylethanolamine

N,N-Diethyl-2-aminoethanol

Diethyl (2-hydroxyethyl) amine

N,N-Diethyl-N-(β -hydroxyethyl) amine

N,N-Diethyl-2-hydroxyethylamine

Diethylaminoethanol

2-(Diethylamino) ethanol

2-(Diethylamino)ethyl alcohol

N,N-Diethylmonoethanolamine

(2-Hydroxyethyl) diethylamine

2-Hydroxytriethylamine

(10) (C.A.S. #5842-07-9) N,N-Diisopropyl- β -aminoethane thiol

2-(Diisopropylamino) ethanethiol

Diisopropylaminoethanethiol

β -Diisopropylaminoethanethiol

2-(bis(1-Methylethyl)amino) ethanethiol

(11) (C.A.S. #4261-68-1) N, N-Diisopropyl-2-aminoethyl chloride hydrochloride

(12) (C.A.S. #96-80-0) N,N-Diisopropyl- β -aminoethanol

N,N-Diisopropyl-2-aminoethanol

2-(Diisopropylamino) ethanol

(N,N-Diisopropylamino) ethanol

2-(Diisopropylamino) ethyl alcohol

N,N-Diisopropylethanolamine

(13) (C.A.S. #96-79-7) N,N-Diisopropyl- β -aminoethyl chloride

2-Chloro-N,N-diisopropylethanolamine

1-Chloro-N,N-diisopropylaminoethane

2-Chloro-N,N-diisopropylethylamine

N-(2-chloroethyl)-N-(1-methylethyl)-2-propanamine

N-(2-Chloroethyl) diisopropylamine

N,N-Diisopropyl-2-chloroethylamine

1-(Diisopropylamino)-2-chloroethane

2-(Diisopropylamino)ethyl chloride

Diisopropylaminoethyl chloride

β -Diisopropylaminoethyl chloride

(14) (C.A.S. #108-18-9) Diisopropylamine

	N,N-Diisopropylamine		Methylphosphonic difluoride
	N-(1-Methylethyl)-2-propanamine	(32)	(C.A.S. #10025-87-3) Phosphorus oxychloride
(15)	(C.A.S. #6163-75-3) Dimethyl ethylphosphonate		Phosphonyl trichloride
	Dimethyl ethanephosphonate		Phosphoric chloride
	Ethylphosphonic acid dimethyl ester		Phosphoric trichloride
(16)	(C.A.S. #756-79-6) Dimethyl methylphosphonate		Phosphoroxychloride
	Dimethoxymethyl phosphine oxide		Phosphoroxyltrichloride
	Dimethyl methanephosphonate		Phosphorus chloride oxide
	Methanephosphonic acid dimethyl ester		Phosphorus monoxide trichloride
	Methylphosphonic acid dimethyl ester		Phosphorus oxide trichloride
(17)	(C.A.S. #868-85-9) Dimethyl phosphite		Phosphorus oxytrichloride
	Dimethoxyphosphine oxide		Phosphorus trichloride oxide
	Dimethyl acid phosphite		Phosphoryl trichloride
	Dimethyl hydrogen phosphite		Trichlorophosphine oxide
	Dimethyl phosphonate	(33)	Trichlorophosphorus oxide
	Hydrogen dimethyl phosphite		(C.A.S. #10026-13-8) Phosphorus pentachloride
	Methyl phosphate		Pentachlorophosphorane
(18)	(C.A.S. #124-40-3) Dimethylamine		Pentachlorophosphorus
	N-Methyl methanamine		Phosphoric chloride
(19)	(C.A.S. #506-59-2) Dimethylamine hydrochloride		Phosphorus(V) chloride
	Dimethylammonium chloride		Phosphorus perchloride
	N-Methyl methanamine hydrochloride	(34)	(C.A.S. #1314-80-3) Phosphorus pentasulfide
(20)	(C.A.S. #57856-11-8) O-Ethyl-2-diisopropylaminoethyl methylphosphonite (QL)		Diphosphorus pentasulfide
	Methylphosphonous acid 2-(bis(1-methylethyl)amino)ethyl ethyl ester		Phosphoric sulfide
(21)	(C.A.S. #1498-40-4) Ethylphosphonous dichloride		Phosphorus persulfide
	Dichloroethylphosphine	(35)	Phosphorus sulfide
	Ethyl phosphonous dichloride		(C.A.S. #7719-12-2) Phosphorus trichloride
	Ethylchlorophosphine		Phosphorus chloride
(22)	(C.A.S. #430-78-4) Ethylphosphonous difluoride	(36)	Trichlorophosphine
	Ethylidifluorophosphine		(C.A.S. #75-97-8) Pinacolone
(23)	(C.A.S. #1066-50-8) Ethylphosphonyl dichloride		tert-Butyl methyl ketone
	Dichloroethylphosphine oxide		2,2-Dimethyl-3-butanone
	Ethanephosphonyl chloride		3,3-Dimethyl-2-butanone
	Ethylphosphinic dichloride		2,2-Dimethylbutanone
	Ethylphosphonic acid dichloride		3,3-Dimethylbutanone
	Ethylphosphonic dichloride		1,1-Dimethylethyl methyl ketone
(24)	(C.A.S. #753-98-0) Ethylphosphonyl difluoride		Methyl tert-butyl ketone
	Ethyl difluorophosphite		Pinacolin
	Ethylidifluorophosphine oxide		Pinacolone
	Ethylphosphonic difluoride	(37)	1,1,1-Trimethylacetone
(25)	(C.A.S. #7664-39-3) Hydrogen fluoride		(C.A.S. #464-07-3) Pinacolyl alcohol
	Anhydrous hydrofluoric acid		tert-Butyl methyl carbinol
	Fluorhydric acid		2,2-Dimethyl-3-butanol
	Fluorine monohydride		3,3-Dimethyl-2-butanol
	Hydrofluoric acid gas	(38)	1-Methyl-2,2-dimethylpropanol
(26)	(C.A.S. #3554-74-3) 3-Hydroxyl-1-methylpiperidine		(C.A.S. #151-50-8) Potassium cyanide
	3-Hydroxy-N-methylpiperidine	(39)	(C.A.S. #7789-23-3) Potassium fluoride
	1-Methyl-3-hydroxypiperidine		Potassium monofluoride
	N-Methyl-3-hydroxypiperidine	(40)	(C.A.S. #7789-29-9) Potassium hydrogen fluoride
	1-Methyl-3-piperidinol		Hydrogen potassium difluoride
	N-Methyl-3-piperidinol		Hydrogen potassium fluoride
(27)	(C.A.S. #76-89-1) Methyl benzilate		Potassium acid fluoride
	Benzilic acid methyl ester		Potassium bifluoride
	α -Hydroxy- α -phenylbenzeneacetic acid methyl ester		Potassium hydrogen difluoride
	Methyl α -phenylmandelate	(41)	Potassium monohydrogen difluoride
	Methyl diphenylglycolate		(C.A.S. #1619-34-7) 3-Quinuclidinol
(28)	(C.A.S. #676-83-5) Methylphosphonous dichloride		1-Azabicyclo(2.2.2)octan-3-ol
	Dichloromethylphosphine	(42)	3-Hydroxyquinuclidine
	Methyldichlorophosphine		(C.A.S. #3731-38-2) 3-Quinuclidinone
	Methylphosphorus dichloride		1-Azabicyclo(2.2.2)octan-3-one
(29)	(C.A.S. #753-59-3) Methylphosphonous difluoride		3-Oxyquinuclidine
	Difluoromethylphosphine	(43)	Quinuclidone
	Methyldifluorophosphine		(C.A.S.) #1333-83-1 Sodium bifluoride
(30)	(C.A.S. #676-97-1) Methylphosphonyl dichloride		Sodium hydrogen difluoride
	Dichloromethylphosphine oxide	(44)	Sodium hydrogen fluoride
	Methanephosphonodichloridic acid	(45)	(C.A.S. #143-33-9) Sodium cyanide
	Methanephosphonyl chloride		(C.A.S. #7681-49-4) Sodium fluoride
	Methylphosphonic acid dichloride		Sodium monofluoride
	Methylphosphonic dichloride	(46)	(C.A.S. #1313-82-2) Sodium sulfide
	Methylphosphonodichloridic acid		Disodium monosulfide
	Methylphosphonyl chloride		Disodium sulfide
(31)	(C.A.S. #676-99-3) Methylphosphonyl difluoride	(47)	Sodium monosulfide
	Difluoromethylphosphine oxide	(48)	Sodium sulphide
	Methyl difluorophosphite	(49)	(C.A.S. #10025-67-9) Sulfur monochloride
			(C.A.S. #10545-99-0) Sulfur dichloride
			(C.A.S. #111-48-8) Thiodiglycol

- Bis(2-hydroxyethyl) sulfide
- Bis(2-hydroxyethyl) thioether
- Di(2-hydroxyethyl) sulfide
- Diethanol sulfide
- 2,2'-Dithiobis-(ethanol)
- 3-Thiapentane-1,5-diol
- 2,2'-Thiobisethanol
- 2,2'-Thiodiethanol
- Thiodiethylene glycol
- 2,2'-Thiodiglycol
- (50) (C.A.S. #7719-09-7) Thionyl chloride
- Sulfinyl chloride
- Sulfinyl dichloride
- Sulfur chloride oxide
- Sulfur oxychloride
- Sulfurous dichloride
- Sulfurous oxychloride
- Thionyl dichloride
- (51) (C.A.S. #102-71-6) Triethanolamine
- Alkanolamine 244
- Nitrilotriethanol
- 2,2',2''-Nitrilotriethanol
- 2,2',2''-Nitrilotris(ethanol)
- TEA
- TEA (amino alcohol)
- Tri (2-hydroxyethyl) amine
- Triethanolamin
- Tris (β-hydroxyethyl) amine
- Tris (2-hydroxyethyl) amine
- Trolamine
- (52) (C.A.S. #637-39-8) Triethanolamine hydrochloride
- (53) (C.A.S. #122-52-1) Triethyl phosphite
- Phosphorous acid triethyl ester
- Triethoxyphosphine
- Tris(ethoxy)phosphine
- (54) (C.A.S. #121-45-9) Trimethyl phosphite
- Phosphorus acid trimethyl ester
- Trimethoxyphosphine

(l) *Interpretation 12: Computers.*

(1) Digital computers or computer systems classified under ECCN 4A003.a, .b, or .c, that qualify for “No License Required” (NLR) must be evaluated on the basis of CTP alone, to the exclusion of all other technical parameters. Computers controlled in this entry for MT reasons are not eligible for License Exception CTP regardless of the CTP of the computer. Digital computers or computer systems classified under ECCN 4A003.a, .b, or .c that qualify for License Exception CTP must be evaluated on the basis of CTP, to the exclusion of all other technical parameters, except for parameters of Missile Technology concern, or ECCN 4A003.e (equipment performing analog-to-digital conversions exceeding the limits in ECCN 3A001.a.5.a). This License Exception does not authorize the export or reexport of computers controlled for MT purposes regardless of the CTP. Assemblies performing analog-to-digital conversions are evaluated under Category 3—Electronics, ECCN 3A001.a.5.a.

(2) Related equipment classified under ECCN 4A003.d, .e, .f, or .g may be exported or reexported under License Exceptions GBS or CIV. When related equipment is exported or reexported as part of a computer system, NLR or License Exception CTP is available for the computer system and the related equipment, as appropriate.

§770.3 Interpretations related to exports of technology and software to destinations in Country Group D:1.

(a) *Introduction.* This section is intended to provide you additional guidance on how to determine whether your technology or software would be eligible for a License Exception, may be exported under NLR, or require a license, for export to Country Group D:1.

(b) *Scope of licenses.* The export of technology and software under a license is authorized only to the extent specifically indicated on the face of the license. The only technology and software related to equipment exports that may be exported without a license is technology described in §§734.7 through 734.11 of the EAR; operating technology and software described in §740.8(a) of the EAR; sales technology described in §740.8(b) of the EAR; and software updates described in §740.8(c) of the EAR.

(c) *Commingle technology and software.*

(1) U.S.-origin technology does not lose its U.S.-origin when it is redrawn, used, consulted, or otherwise commingled abroad in any respect with other

technology of any other origin. Therefore, any subsequent or similar technical data prepared or engineered abroad for the design, construction, operation, or maintenance of any plant or equipment, or part thereof, which is based on or utilizes any U.S.-origin technology, is subject to the EAR in the same manner as the original U.S.-origin technology, including license requirements, unless the commingled technology is not subject to the EAR by reason of the *de minimis* exclusions described at §734.4 of the EAR.

(2) U.S.-origin software that is incorporated into or commingled with foreign-origin software does not lose its U.S.-origin. Such commingled software is subject to the EAR in the same manner as the original U.S.-origin software, including license requirements, unless the commingled software is not subject to the EAR by reason of the *de minimis* exclusions described at §734.4 of the EAR.

(d) *Certain License Exception.* The following questions and answers are intended to further clarify the scope of technology and software eligible for a License Exception.

(1)(i) *Question 1.*

(A) Our engineers, in installing or repairing equipment, use techniques (experience as well as proprietary knowledge of the internal componentry or specifications of the equipment) that exceed what is provided in the standard manuals or instructions (including training) given to the customer. In some cases, it is also a condition of the license that such information provided to the customer be constrained to the minimum necessary for normal installation, maintenance and operation situations.

(B) Can we send an engineer (with knowledge and experience) to the customer site to perform the installation or repair, under the provisions of License Exception TSU for operation technology and software described in §740.13(a) of the EAR, if it is understood that he is restricted by our normal business practices to performing the work without imparting the knowledge or technology to the customer personnel?

(ii) *Answer 1.* Export of technology includes release of U.S.-origin data in a foreign country, and “release” includes “application to situations abroad of personal knowledge or technical experience acquired in the United States.” As the release of technology in the circumstances described here would exceed that permitted under the License Exception TSU for operation technology and software described in §740.13(a) of the EAR, a license would be required even though the technician could apply the data without disclosing it to the customer.

(2)(i) *Question 2.* We plan, according to our normal business practices, to train customer engineers to maintain equipment that we have exported under a license, License Exception, or NLR. The training is contractual in nature, provided for a fee, and is scheduled to take place in part in the customer’s facility and in part in the U.S. Can we now proceed with this training at both locations under a License Exception?

(ii) *Answer 2.*

(A) Provided that this is your normal training, and involves technology contained in your manuals and standard instructions for the exported equipment, and meets the other requirements of License Exception TSU for operation technology and software described in §740.13(a), the training may be provided within the limits of those provisions of License Exception TSU. The location of the training is not significant, as the export occurs at the time and place of the actual transfer or imparting of the technology to the customer’s engineers.

(B) Any training beyond that covered under the provisions of License Exception TSU for operation technology and software described in §740.13(a), but specifically represented in your license application as required for this customer installation, and in fact authorized on the face of the license or a separate technology license, may not be undertaken while the license is suspended or revoked.

**PART 772
DEFINITIONS OF TERMS**

AUTHORITY: 50 U.S.C. app. 2401 *et seq.*; 50 U.S.C. 1701 *et seq.*; E.O. 12924, 59 FR 43437, 3 CFR, 1994 Comp., p. 917; Executive Order 13026 (November 15, 1996, 61 FR 58767) Notice of August 15, 1995 (60 FR 42767, August 17, 1995); and Notice of August 14, 1996 (61 FR 42527).

The following are definitions of terms as used in the Export Administration Regulations (EAR). In this part, references to the EAR are references to 15 CFR chapter VII, subchapter C. Those terms in quotation marks refer to terms used on the Commerce Control List (CCL) (Supplement No. 1 to part 774 of the EAR). Parenthetical references following the terms in quotation marks (i.e., (Cat 5)) refer to the CCL category in which that term is found.