TABLE OF CONTENTS

Appendix 1

Approved Applications for Country Groups Q,W,Y,Z, and China (PRC)¹

CCL	DESCRI PTI ON	APPLI CATIONS ²	DOLLAR VALUE
ALBAN	NA		
1C018	MATERIALS ON THE INTERNATIONAL MUNITIONS LIST	1	\$400, 000
3A229	FIRING SETS AND HIGH CURRENT PULSE GENERATORS	1	\$19,000
3A231	NEUTRON GENERATOR SYSTEMS INCLUDING TUBES	1	\$750, 000
3A232	DETONATORS/MULTIPOINT INITIATION SYSTEMS	1	\$8, 000
	TOTAL APPLICATIONS: 1		
	TOTAL CCL'S: 4		
	TOTAL DOLLAR VALUE: \$1, 177, 000		

ARMENIA

0A984	SHOTGUNS, BUCKSHOT, SHOTGUN SHELLS	3	\$774,000
1C018	MATERIALS ON THE INTERNATIONAL MUNITIONS LIST	1	\$600, 000
3A229	FIRING SETS AND HIGH CURRENT PULSE GENERATORS	1	\$19,000
3A232	DETONATORS/MULTIPOINT INITIATION SYSTEMS	1	\$8, 000
5A002	SYSTEMS/EQUIPMENT/INTEGRATED CIRCUITS FOR INFO SEC	1	\$1
5E002	TECHNOLOGY FOR DEV/PROD/USE OF INFORMATION SECURIT	3	\$1

TOTAL APPLICATIONS: 9 TOTAL CCL'S: 6 TOTAL DOLLAR VALUE: \$1,401,002

AZERBAIJAN

1B201	FILAMENT WINDING MACHINES	1	\$200, 000
1C018	MATERIALS ON THE INTERNATIONAL MUNITIONS LIST	2	\$660, 000
3A229	FIRING SETS AND HIGH CURRENT PULSE GENERATORS	1	\$19,000
3A231	NEUTRON GENERATOR SYSTEMS INCLUDING TUBES	1	\$51,000
3A232	DETONATORS/MULTIPOINT INITIATION SYSTEMS	1	\$8, 000
4A003	DIGITAL COMPUTERS/ASSEMBLIES AND RELATED EQUIPMENT	2	\$358, 462
5A002	SYSTEMS/EQUIPMENT/INTEGRATED CIRCUITS FOR INFO SEC	2	\$36, 000
7A103	INSTRUMENTATION, NAVIGATION EQUIPMENT/SYSTEMS NOT	2	\$1, 762, 368

TOTAL APPLICATIONS: 10 TOTAL CCL'S: 8 TOTAL DOLLAR VALUE: \$3,094,830

EAR99	ITEMS SUBJECT TO THE EAR N.E.S.	2	\$431, 786
3E001	TECHNOLOGY FOR DEV OR PROD OF CERTAIN ITEMS IN 3A/	1	\$0
4A003	DIGITAL COMPUTERS/ASSEMBLIES AND RELATED EQUIPMENT	2	\$275, 490

CCL	DESCRI PTI ON	APPLI CATI ONS	DOLLAR VALUE
4D003	SPECIFIC SOFTWARE, AS DESCRIBED IN THIS ENTRY	1	\$160, 000
	TOTAL APPLICATIONS: 5		
	TOTAL CCL'S: 4		
	TOTAL DOLLAR VALUE: \$867, 276		
BULGA	DIA		
BULGA			
0A984	SHOTGUNS, BUCKSHOT, SHOTGUN SHELLS	6	\$107, 749
0A985	OPTICAL SIGHTING DEVICES FOR SHOTGUNS, DISCHARGE T	3	\$86, 094
3A981	POLYGRAPHS/FINGERPRINT ANALYZERS/CAMERAS/EQUIPMENT	3	\$243, 005
3E001	TECHNOLOGY FOR DEV OR PROD OF CERTAIN ITEMS IN 3A/	2	\$2

4A003	DIGITAL COMPUTERS/ASSEMBLIES AND RELATED EQUIPMENT	1	\$166, 334
5E001	TECHNOLOGY FOR DEV/PROD/USE, ETC, OF EQUIP. IN 5A0	1	\$100
6A003	CAMERAS	1	\$200, 000
9A018	COMMODITIES ON THE INTERNATIONAL MUNITIONS LIST	1	\$14, 000, 000

TOTAL APPLICATIONS: 18 TOTAL CCL'S: 8 TOTAL DOLLAR VALUE: \$14, 803, 284

CAMBODIA

1C018	MATERIALS ON THE INTERNATIONAL MUNITIONS LIST	1	\$60, 000
1C350	PRECURSOR/INTERMEDIATE CHEMICALS FOR CHEMICAL WARF	2	\$201
3A231	NEUTRON GENERATOR SYSTEMS INCLUDING TUBES	2	\$153, 000
5A002	SYSTEMS/EQUIPMENT/INTEGRATED CIRCUITS FOR INFO SEC	1	\$1, 100
6A003	CAMERAS	1	\$18, 400

TOTAL APPLICATIONS: 7 TOTAL CCL'S: 5 TOTAL DOLLAR VALUE: \$232,701

CHINA (PRC)

EAR99	ITEMS SUBJECT TO THE EAR N.E.S.	29	\$59, 274, 081
1B001	EQUIPMENT FOR PRODUCTION OF FIBERS, PREFORMS OR CO	1	\$2, 586, 500
1C006	FLUIDS AND LUBRICATING MATERIALS	3	\$41, 029
1C008	NON-FLUORINATED POLYMERIC SUBSTANCES	1	\$27, 500
1C010	FIBROUS/FILAMENTARY MATERIALS USED IN MATRIX STRUC	1	\$163, 800, 000
1C018	MATERIALS ON THE INTERNATIONAL MUNITIONS LIST	4	\$156, 140
1C107	GRAPHITE AND CERAMIC MATERIALS	2	\$450, 000
1C111	PROPELLANTS AND CONSTITUENT CHEMICALS	2	\$255,000
1C202	ALUMINUM AND TITANIUM ALLOYS IN THE FORM OF TUBES/	4	\$7, 738, 842

CCL	DESCRI PTI ON	APPLICATIONS	DOLLAR VALUE
1C210	FIBROUS/FILAMENTARY MATERIALS NOT CONTROLLED BY 1C	1	\$45, 500
1C234	ZIRCONIUM, WITH A HAFNIUM CONTENT	3	\$832
1C350	PRECURSOR/INTERMEDIATE CHEMICALS FOR CHEMICAL WARF	39	\$145, 413, 912
1C351	HUMAN PATHOGENS, ZOONOSES, AND TOXINS	1	\$604
1D001	SOFTWARE UTILIZED FOR DEVELOPMENT/USE OF EQUIPMENT	1	\$0
1E001	TECHNOLOGY FOR DEVELOPMENT OF EQUIPMENT UNDER 1A00	3	\$1
1E103	TECHNOLOGY TO REGULATE TEMPERATURE OF COMPOSITES	2	\$0
2A290	GENERATORS AND OTHER EQUIPMENT	1	\$370, 629
2B001	NUMERICAL CONTROL UNITS/MOTION CONTROL BOARDS	4	\$1, 883, 830
2B006	DIMENSIONAL INSPECTION/MEASURING SYSTEMS OR EQUIPM	4	\$181,000
2B116	VIBRATION TEST SYSTEMS, EQUIPMENT, AND COMPONENTS TH	1	\$227, 020
2B204	ISOSTATIC PRESSES NOT CONTROLLED BY 2B004 OR 2B104	1	\$51,000
2B226	VACUUM AND CONTROLLED ENVIRONMENT INDUCTION FURNAC	3	\$609,000
2B230 2B231	PRESSURE TRANSDUCERS VACUUM PUMPS	13 3	\$620, 982 \$76, 452
2B231 2B350	CHEMICAL MANUFACTURING FACILITIES AND EQUIPMENT	3	\$76, 453 \$210, 913
2B350 2B351	TOXIC GAS MONITORING SYSTEM, AND DEDICATED DETECTO	22	\$393, 788
2B352	BIOLOGICAL EQUIPMENT	1	\$590,000
2B991	NUMERICAL CONTROL UNITS FOR MACHINE TOOLS	1	\$440,000
2D002	ADAPTIVE CONTROL/ELECTRONIC DEVICE SOFTWARE	2	\$1,800,001
2E002	OTHER TECHNOLOGY		\$1, 000, 001 \$0
2E201	TECHNOLOGY FOR USE OF COMMODITIES CONTROLLED BY 2A	1	\$0
3A001	ELECTRONIC DEVICES/COMPONENTS	7	\$406, 129
3A002	GENERAL PURPOSE ELECTRONIC EQUIPMENT	16	\$1, 243, 297
3A101	ELECTRONIC EQUIPMENT/DEVICES NOT CONTROLLED BY 3A0	1	\$29, 134
3A201	ELECTRONIC COMPONENTS NOT CONTROLLED BY 3A001	1	\$340,000
3A228	SWITCHING DEVICES	2	\$31, 167
3A231	NEUTRON GENERATOR SYSTEMS INCLUDING TUBES	1	\$306, 000
3A232	DETONATORS/MULTIPOINT INITIATION SYSTEMS	1	\$3, 500
3A233	MASS SPECTROMETERS	2	\$518,000
3B001	EPITAXIAL EQUIPMENT FOR SEMICONDUCTORS	6	\$294, 112, 990
3B002	ION IMPLANTATION EQUIPMENT FOR SEMICONDUCTORS	3	\$161, 900, 000
3C004	HYDRIDES OF PHOSPHORUS, ARSENIC, OR ANTIMONY	1	\$4, 872
3D001	SOFTWARE FOR DEV OR PROD OF EQUIP CERTAIN ITEMS IN	12	\$1
3D002	SOFTWARE FOR USE OF CERTAIN EQUIPMENT CONTROLLED B	8	\$6
3D003	CAD SOFTWARE FOR SEMICONDUCTOR DEVICES/INTEGRATED	12	\$9
3E001	TECHNOLOGY FOR DEV OR PROD OF CERTAIN ITEMS IN 3A/	176	\$62, 071
3E201 3E292	TECHNOLOGY FOR THE USE OF CERTAIN ITEMS IN 3A TECHNOLOGY FOR EQUIPMENT CONTROLLED BY 3A292	1 1	\$133 \$1
3E292 3E980	TECHNOLOGY FOR ITEMS CONTROLLED BY 3A980 AND 3A981	1	\$1 \$0
3E980 4A003	DIGITAL COMPUTERS/ASSEMBLIES AND RELATED EQUIPMENT	242	\$110, 248, 696
4A994	ITEMS NOT CONTROLLED BY 4A001/4A002/4A003	7	\$499, 413
4D001	SOFTWARE FOR CERTAIN EQUIPMENT/SOFTWARE IN 4A-4D	2	\$100, 110
4D003	SPECIFIC SOFTWARE, AS DESCRIBED IN THIS ENTRY	18	\$665, 859
4D980	SOFTWARE FOR DEV/PROD/USE WITH 4A980 ITEMS	1	\$000,000
4D994	SOFTWARE FOR DEV/PROD/USE OF ITEMS IN 4A994/4B994/	2	\$5, 795
4E001	TECHNOLOGY FOR DEV/PROD/USE OF CERTAIN EQUIP/SOFTW	40	\$20, 028
4E002	OTHER TECHNOLOGY	13	\$100
4E992	TECHNOLOGY FOR DEV/PROD/USE OF 4A994/4B994/4C994	1	\$47
5A001	TELECOMMUNICATIONS/TRANSMISSION EQUIPMENT	3	\$16, 100, 246
5A002	SYSTEMS/EQUIPMENT/INTEGRATED CIRCUITS FOR INFO SEC	15	\$54, 524, 082
5A101	TELEMETERING AND TELECONTROL EQUIPMENT USABLE WITH	1	\$40, 185
5A992	INFORMATION SECURITY EQUIPMENT	2	\$9, 901

CCL	DESCRI PTI ON	APPLI CATI ONS	DOLLAR VALUE
5B001	EQUIPMENT FOR DEV/PROD OR USE OF ITEMS IN 5A001	8	\$800
5D001	SOFTWARE FOR DEV/PROD/USE OF ITEMS IN 5A001/5B001/	42	\$819
5D002	SOFTWARE FOR INFORMATION SECURITY	18	\$24, 418, 722
5E001	TECHNOLOGY FOR DEV/PROD/USE, ETC, OF EQUIP. IN 5A0	123	\$601, 788, 437
5E002	TECHNOLOGY FOR DEV/PROD/USE OF INFORMATION SECURIT	25	\$33, 106
6A001	ACOUSTICS	4	\$3, 923, 388
6A003	CAMERAS	29	\$1,065,286
6A005	OPTICAL EQUIPMENT (LASERS)	3	\$30, 939
6A006	MAGNETOMETERS/MAGNETIC GRADIOMETERS/COMPENSATION S	3	\$107, 745
6A2O3	CAMERAS/COMPONENTS NOT CONTROLLED BY ECCN 6A003	1	\$36, 670
6E001	TECHNOLOGY FOR DEVELOPMENT OF EQUIPMENT/MATERIALS/	2	\$0
7A001	ACCELEROMETERS FOR USE IN NAVIGATION OR GUIDANCE S	1	\$35, 077
7A103	INSTRUMENTATION, NAVIGATION EQUIPMENT/SYSTEMS NOT	16	\$4, 976, 880
7B101	EQUIPMENT DESIGNED FOR PRODUCTION OF INERTIAL MEAS	1	\$211,000
7E004	OTHER TECHNOLOGY	1	\$0
9A004	SPACECRAFT	4	\$257, 359, 116
9E003	OTHER TECHNOLOGY	1	\$0
	TOTAL APPLICATIONS: 866		
	TOTAL CCL'S: 79		
	TOTAL DOLLAR VALUE: \$1, 922, 304, 204		

CUBA

EAR99	ITEMS SUBJECT TO THE EAR N.E.S.	100	\$421, 606, 247
1C351	HUMAN PATHOGENS, ZOONOSES, AND TOXINS	1	\$315
3A001	ELECTRONIC DEVICES/COMPONENTS	1	\$150
4A994	ITEMS NOT CONTROLLED BY 4A001/4A002/4A003	3	\$32, 801
7A994	OTHER NAVIGATION/AIRBORNE COMMUNICATION EQUIPMENT	8	\$5, 710, 000
9A991	AIRCRAFT AND CERTAIN GAS TURBINE ENGINES N.E.S.	20	\$117, 291, 000

TOTAL APPLICATIONS: 128 TOTAL CCL'S: 6 TOTAL DOLLAR VALUE: \$544, 640, 513

ESTONIA

0A982	SAPS; THUMBCUFFS, LEG IRONS, SHACKLES, AND HANDCUF	1	\$498
3A001	ELECTRONIC DEVICES/COMPONENTS	1	\$840
3A002	GENERAL PURPOSE ELECTRONIC EQUIPMENT	1	\$12, 045
4A003	DIGITAL COMPUTERS/ASSEMBLIES AND RELATED EQUIPMENT	4	\$1, 934, 696

TOTAL APPLICATIONS: 7 TOTAL CCL'S: 4 TOTAL DOLLAR VALUE: \$1,948,079

CCL	DESCRI PTI ON	APPLI CATI ONS	DOLLAR VALUE

GEORGIA

0A982	SAPS; THUMBCUFFS, LEG IRONS, SHACKLES, AND HANDCUF	1	\$371, 760
1C225	BORON AND BORON COMPOUNDS/MIXTURES AND LOADED MATE	1	\$37, 500
1C350	PRECURSOR/INTERMEDIATE CHEMICALS FOR CHEMICAL WARF	1	\$6, 400, 000
3A231	NEUTRON GENERATOR SYSTEMS INCLUDING TUBES	1	\$51,000
5A002	SYSTEMS/EQUIPMENT/INTEGRATED CIRCUITS FOR INFO SEC	1	\$11, 547

TOTAL APPLICATIONS: 5 TOTAL CCL'S: 5 TOTAL DOLLAR VALUE: \$6, 871, 807

KAZAKHSTAN

EAR99	ITEMS SUBJECT TO THE EAR N.E.S.	5	\$126, 993
0A982	SAPS; THUMBCUFFS, LEG IRONS, SHACKLES, AND HANDCUF	2	\$21, 380
0A985	OPTICAL SIGHTING DEVICES FOR SHOTGUNS, DISCHARGE T	1	\$1,750
1A005	BODY ARMOR	2	\$177, 300
1A984	CHEMICAL AGENTS, INCLUDING TEAR GAS	2	\$886
1C350	PRECURSOR/INTERMEDIATE CHEMICALS FOR CHEMICAL WARF	1	\$3, 000
1C351	HUMAN PATHOGENS, ZOONOSES, AND TOXINS	1	\$967
3A231	NEUTRON GENERATOR SYSTEMS INCLUDING TUBES	1	\$102,000
4A003	DIGITAL COMPUTERS/ASSEMBLIES AND RELATED EQUIPMENT	5	\$180, 284
4A994	ITEMS NOT CONTROLLED BY 4A001/4A002/4A003	4	\$48, 737
5A002	SYSTEMS/EQUIPMENT/INTEGRATED CIRCUITS FOR INFO SEC	12	\$7, 035, 043
5D002	SOFTWARE FOR INFORMATION SECURITY	1	\$96
5E001	TECHNOLOGY FOR DEV/PROD/USE, ETC, OF EQUIP. IN 5A0	1	\$0
7A103	INSTRUMENTATION, NAVIGATION EQUIPMENT/SYSTEMS NOT	1	\$880, 184
9A004	SPACECRAFT	4	\$505, 832, 400

TOTAL APPLICATIONS: 34 TOTAL CCL'S: 15 TOTAL DOLLAR VALUE: \$514, 411, 020

KOREA, P. DEM. REP.

EAR99 ITEMS SUBJECT TO THE EAR N.E.S.

43 \$129, 113, 580

TOTAL APPLICATIONS: 43 TOTAL CCL'S: 1 TOTAL DOLLAR VALUE: \$129, 113, 580

KYRGYZSTAN

TOTAL APPLICATIONS: 0 TOTAL CCL'S: 0 TOTAL DOLLAR VALUE: \$0

LAOS

1C018	MATERIALS ON THE INTERNATIONAL MUNITIONS LIST	1	\$20, 000
3A231	NEUTRON GENERATOR SYSTEMS INCLUDING TUBES	1	\$51,000
5A002	SYSTEMS/EQUIPMENT/INTEGRATED CIRCUITS FOR INFO SEC	1	\$850, 000
6A006	MAGNETOMETERS/MAGNETIC GRADIOMETERS/COMPENSATION S	1	\$79, 950
	TOTAL APPLICATIONS: 4		
	TOTAL CCL'S: 4		
	TOTAL DOLLAR VALUE: \$1,000,950		

LATVIA

0A985	OPTICAL SIGHTING DEVICES FOR SHOTGUNS, DISCHARGE T	1	\$200, 000
4A003	DIGITAL COMPUTERS/ASSEMBLIES AND RELATED EQUIPMENT	1	\$17, 500
5D002	SOFTWARE FOR INFORMATION SECURITY	1	\$0
5E002	TECHNOLOGY FOR DEV/PROD/USE OF INFORMATION SECURIT	1	\$0
6C002	OPTICAL SENSORS	1	\$181, 000

TOTAL APPLICATIONS: 4 TOTAL CCL'S: 5 TOTAL DOLLAR VALUE: \$398,500

LITHUANIA

3A001	ELECTRONIC DEVICES/COMPONENTS	1	\$230
3A981	POLYGRAPHS/FINGERPRINT ANALYZERS/CAMERAS/EQUIPMENT	2	\$30, 450
4A003	DIGITAL COMPUTERS/ASSEMBLIES AND RELATED EQUIPMENT	3	\$691, 023
6A003	CAMERAS	2	\$55, 150
9A018	COMMODITIES ON THE INTERNATIONAL MUNITIONS LIST	1	\$14, 000, 000

TOTAL APPLICATIONS: 9 TOTAL CCL'S: 5 TOTAL DOLLAR VALUE: \$14,776,853

MOLDOVA

TOTAL APPLICATIONS: 0 TOTAL CCL'S: 0 TOTAL DOLLAR VALUE: \$0

MONGOLIA

TOTAL APPLICATIONS: 0 TOTAL CCL'S: 0 TOTAL DOLLAR VALUE: \$0

ROMANIA

0A985	OPTICAL SIGHTING DEVICES FOR SHOTGUNS, DISCHARGE T	1	\$2, 133
1C018	MATERIALS ON THE INTERNATIONAL MUNITIONS LIST	1	\$5, 500
3A001	ELECTRONIC DEVICES/COMPONENTS	3	\$5, 000, 215
3A981	POLYGRAPHS/FINGERPRINT ANALYZERS/CAMERAS/EQUIPMENT	1	\$17, 980
3E001	TECHNOLOGY FOR DEV OR PROD OF CERTAIN ITEMS IN 3A/	4	\$3
4A003	DIGITAL COMPUTERS/ASSEMBLIES AND RELATED EQUIPMENT	6	\$1, 757, 430
4E001	TECHNOLOGY FOR DEV/PROD/USE OF CERTAIN EQUIP/SOFTW	1	\$1
5A002	SYSTEMS/EQUIPMENT/INTEGRATED CIRCUITS FOR INFO SEC	1	\$47,600
5B002	TEST/INSPECTION/PRODUCTION EQUIP FOR INFORMATION S	1	\$53, 327
5E001	TECHNOLOGY FOR DEV/PROD/USE, ETC, OF EQUIP. IN 5A0	2	\$0
6A003	CAMERAS	2	\$240, 968

TOTAL APPLICATIONS: 22 TOTAL CCL'S: 11 TOTAL DOLLAR VALUE: \$7, 125, 157

RUSSIA

EAR99	ITEMS SUBJECT TO THE EAR N.E.S.	180	\$19, 280, 348
0A982	SAPS; THUMBCUFFS, LEG IRONS, SHACKLES, AND HANDCUF	1	\$111
0A984	SHOTGUNS, BUCKSHOT, SHOTGUN SHELLS	9	\$512, 709
0A985	OPTICAL SIGHTING DEVICES FOR SHOTGUNS, DISCHARGE T	5	\$112, 444
0D001	SOFTWARE FOR DEVELOPMENT, PRODUCTION, USE OBOO1, 3, 8	1	\$0
0E001	TECHNOLOGY FOR DEVELOPMENT, PRODUCTION, USE OBOO1, 3,	1	\$0
1A984	CHEMICAL AGENTS, INCLUDING TEAR GAS	2	\$23, 250
1B001	EQUIPMENT FOR PRODUCTION OF FIBERS, PREFORMS OR CO	1	\$175,000
1C003	MAGNETIC METALS	1	\$6, 190

1D002SOFTWARE UTILIZED FOR DEVELOPMENT OF ORGANIC MATRI1\$01E001TECHNOLOCY FOR DEVELOPMENT OF EQUIPMENT UNDER 1A001\$01E103TECHNOLOCY FOR DEVELOPMENT OF EQUIPMENT UNDER 1A001\$02A291NUCLEAR REACTOR AND NUCLEAR POWER PLANT RELATED EQ1\$80,0002B001NUMERICAL CONTROL UNITS/MOTION CONTROL BOARDS5\$1,133,5862B201MACHINE TOOLS FOR REMOVING OR CUTITING METALS1\$1,500,0002B350CHEM CAL MANUFACTURING FACILITIES AND EQUIPMENT1\$34,0002B351TOXIC GAS MONITORING SYSTEM AND DEDICATED DETECTO1\$34,0002E001TECHNOLOGY SUPPORTINC EQUIPMENT/SOFTWARE IN 2A/2B/1\$03A001ELECTRONIC DEVICES/COMPORTNS29\$366,6493A022GENERAL PURPOSE ELECTRONIC EQUIPMENT2\$2888,0563A233MSS SPECTROMETERS2\$682,2073A981POLYGRAPHS/FINGERPRINT ANALYZERS/CAMERAS/EQUIPMENT9\$70,6653A991ELECTRONIC DEVICES AND COMPONENTS1\$26,0003B901EVICAS/FINGERPRINT ANALYZERS/CAMERAS/EQUIPMENT1\$7,9203B001SOFTWARE FOR DEV OR PROD OF EQUIP CERTAIN ITEMS IN1\$7,9203B001EDITAXIAL EQUIPMENT FOR SEM CONDUCTORS1\$7,9203B001SOFTWARE FOR DEV OR PROD OF EQUIP CERTAIN ITEMS IN1\$13B002SOFTWARE FOR DEV OR PROD OF EQUIP MENT CONTROLLED B6\$73B003SOFTWARE FOR DEV OR PROD OF CERTAIN ITEMS IN1\$22,988,1363B001 <th>CCL</th> <th>DESCRI PTI ON</th> <th>APPLICATIONS</th> <th>DOLLAR VALUE</th>	CCL	DESCRI PTI ON	APPLICATIONS	DOLLAR VALUE
1C232 HELIUM 3 OR HELIUM ISOTOPICALLY ENRICHED IN THE HE 7 \$2,279,757 1C233 LITHIUM 1 \$8,980 1C350 PRECURSOR/INTERMEDIATE CHEMICALS FOR CHEMICAL WARF 9 \$13,102,815 1C351 HUMAN PATHOCENS, ZOONOSES, AND TOXINS 6 \$252,676 1C353 GENETICALLY MOLIFIED MICROORGANISMS 1 \$14 1D002 SOFTWARE UTLIZED FOR DEVELOPMENT OF ORGANIC MATRI 1 \$0 1E103 TECHNOLOGY FOR DEVELOPMENT OF EQUIPMENT UNDER 1A00 1 \$0 2A291 NUCLEAR REACTOR AND NUCLEAR POWER PLANT RELATED EQ 1 \$80,000 2B201 MUCHER CAL CONTROL UNITS/MOTION CONTROL BOARDS 5 \$1,133,586 2B201 MUCHER CAL MANUFACTURING FACILITIES AND EQUIPMENT 1 \$34,000 2B350 CHEM CAL MANUFACTURING SYSTEM, AND EQUIPMENT 1 \$34,000 2B351 TOXIC GAS MONITORING SYSTEM, AND DEDICATED DETECTO 1 \$34,000 2B001 TECINOLOGY SUPPORTING EQUIPMENT 2 \$288,056 3A3002 GENERAL PURPOSE ELECTRONIC CQUIPMENT 2 \$288,056 <	1C018	MATERIALS ON THE INTERNATIONAL MUNITIONS LIST	6	\$5, 171, 300
1C233LITHUM1\$8,9801C330PRECURSOR/INTERMEDIATE CHEMICAL SFOR CHEMICAL WARF9\$13,102,8151C331HUMAN PATHOGENS, ZOONOSES, AND TOXINS6\$252,6761C333GENETICALLY MDIFIED MCROMCANISMS1\$141D001SOFTWARE UTILIZED FOR DEVELOPMENT OF ORGANIC MATRI1\$01E001TECHNOLOGY FOR DEVELOPMENT OF EQUIPMENT UNDER 1A001\$02A291NUCLEAR REACTOR AND NUCLEAR POWER PLANT RELATED EQ1\$80,0002B001NUMERICAL CONTROL UNITS/MUTION CONTROL BOARDS5\$1,133,5862B001NUCHEAR REACTOR AND NUCLEAR POWER PLANT RELATED EQ1\$80,0002B350CHEM CAL MANUFACTURING FACILITIES AND EQUIPMENT1\$9,425,5002B351TOXIC GAS MONITORING SYSTEM AND DEDICATED DETECTO1\$34,0002B351TOXIC GAS MONITORING SYSTEM AND DEDICATED DETECTO1\$34,0002B001TECHNOLOGY SUPPORTING EQUIPMENT/SOFTWARE IN 2A/2B/1\$03A001ELECTRONIC DEVICES/COMPONENTS2\$288,0563A233MSS SPECTROMETERS2\$288,0563A233MSS SPECTROMETERS1\$26,0003A991FLAXLAL QUIPMENT ANALYZERS/CAMERAS/EQUIPMENT9\$70,6653C004HYDRIDES OF PHOSPHORUS, ARSENIC, OR ANTIMONY1\$7,9203D001SOFTWARE FOR SEM CONDUCTORS1\$26,0003B902GENERAL PURPOSE ELECTRONIC EQUIPMENT1\$17,863D002SOFTWARE FOR DEV RPOD OF CERTAIN ITEME IN 1\$7,9203D003				
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- DAUUZ - STSTEWSZEULLEWENTZINTEGKALED UTKULLIS EUK INEU SEU	5A002	SYSTEMS/EQUIPMENT/INTEGRATED CIRCUITS FOR INFO SEC	16	\$1, 902, 781
5A991 TRANSMISSION ITEMS NOT WI PARAMETERS IN 5A001 9 \$138,000		•		
5A992 INFORMATION SECURITY EQUIPMENT 1 \$3,600				
5B002 TEST/INSPECTION/PRODUCTION EQUIP FOR INFORMATION S 2 \$3,579				
5D001 SOFTWARE FOR DEV/PROD/USE OF ITEMS IN 5A001/5B001/ 3 \$3				
5D002 SOFTWARE FOR INFORMATION SECURITY 28 \$411,910				
				\$200
5D992 SOFTWARE NOT CONTROLLED BY 5D002 2 \$1,817				
				\$5, 053, 204
·		TECHNOLOGY FOR DEV/PROD/USE OF INFORMATION SECURIT		\$0

CCL	DESCRI PTI ON	APPLI CATI ONS	DOLLAR VALUE
6A001	ACOUSTICS	1	\$1,062,000
6A003	CAMERAS	10	\$982, 850
6A005	OPTICAL EQUIPMENT (LASERS)	1	\$10, 750
6A2O3	CAMERAS/COMPONENTS NOT CONTROLLED BY ECCN 6A003	1	\$110, 000
7A103	INSTRUMENTATION, NAVIGATION EQUIPMENT/SYSTEMS NOT	4	\$2, 290, 283
7D001	SOFTWARE FOR EQUIPMENT CONTROLLED BY 7A/7B, EXCEPT	1	\$0
7D002	SOURCE CODE FOR INERTIAL NAVIGATION EQUIPMENT	2	\$0
7D101	SOFTWARE FOR COMMODITIES CONTROLLED BY 7A001/004,	2	\$450
7D102	INTEGRATED SOFTWARE FOR EQUIPMENT IN 7A003 OR 7A10	1	\$0
7E001	TECHNOLOGY FOR DEVELOPMENT OF EQ. CONTROLLED BY 7A	2	\$0
7E002	TECHNOLOGY FOR PRODUCTION OF EQ. COTROLLED BY 7A/7	2	\$0
7E003	TECHNOLOGY FOR REPAIR OF OF EQUIPMENT IN 7A001 TO	2	\$0
7E004	OTHER TECHNOLOGY	1	\$0
7E101	TECHNOLOGY FOR EQUIPMENT/SOFTWARE CONTROLLED BY 7A	2	\$1,800
7E102	TECHNOLOGY FOR PROTECTION AGAINST EM AND EMP	1	\$0
9A001	AERO GAS TURBINE ENGINES	1	\$5, 800, 250
9A004	SPACECRAFT	3	\$293, 650, 000
9E003	OTHER TECHNOLOGY	1	\$0
	TOTAL APPLICATIONS: 477 TOTAL CCL'S: 80		
	TOTAL DOLLAR VALUE: \$399, 315, 167		

TAJIKISTAN

1C350	PRECURSOR/INTERMEDIATE CHEMICALS FOR CHEMICAL WARF	1	\$4, 040, 000
	TOTAL APPLICATIONS: 1 TOTAL CCL'S: 1 TOTAL DOLLAR VALUE: \$4,040,000		

TURKMENISTAN

1C018	MATERIALS ON THE INTERNATIONAL MUNITIONS LIST	1	\$400, 000
3A229	FIRING SETS AND HIGH CURRENT PULSE GENERATORS	1	\$19,000
3A232	DETONATORS/MULTIPOINT INITIATION SYSTEMS	1	\$8,000
5A002	SYSTEMS/EQUIPMENT/INTEGRATED CIRCUITS FOR INFO SEC	1	\$6,000
7A103	INSTRUMENTATION, NAVIGATION EQUIPMENT/SYSTEMS NOT	1	\$880, 184

TOTAL APPLICATIONS: 3 TOTAL CCL'S: 5 TOTAL DOLLAR VALUE: \$1,313,184

UKRAINE

CCL	DESCRI PTI ON	APPLI CATI ONS	DOLLAR VALUE
EAR99	ITEMS SUBJECT TO THE EAR N.E.S.	1	\$1
0A982	SAPS; THUMBCUFFS, LEG IRONS, SHACKLES, AND HANDCUF	1	\$813
0A984	SHOTGUNS, BUCKSHOT, SHOTGUN SHELLS	6	\$557, 998
0A985	OPTICAL SIGHTING DEVICES FOR SHOTGUNS, DISCHARGE T	1	\$4, 875
1C232	HELIUM-3 OR HELIUM ISOTOPICALLY ENRICHED IN THE HE	1	\$100,000
2E003	OTHER TECHNOLOGY	1	\$100,000
3A001	ELECTRONIC DEVICES/COMPONENTS	1	\$28,000
3A002	GENERAL PURPOSE ELECTRONIC EQUIPMENT	1	\$48, 234
3A981	POLYGRAPHS/FINGERPRINT ANALYZERS/CAMERAS/EQUIPMENT	1	\$5, 750
3D002	SOFTWARE FOR USE OF CERTAIN EQUIPMENT CONTROLLED B	2	\$2
3D980	SOFTWARE FOR DEV/PROD/USE OF ITEMS IN 3A980 AND 3A	1	\$2, 091
3E001	TECHNOLOGY FOR DEV OR PROD OF CERTAIN ITEMS IN 3A/	2	\$2
4A003	DIGITAL COMPUTERS/ASSEMBLIES AND RELATED EQUIPMENT	2	\$602, 959
4A994	ITEMS NOT CONTROLLED BY 4A001/4A002/4A003	1	\$16, 790
4D003	SPECIFIC SOFTWARE, AS DESCRIBED IN THIS ENTRY	1	\$1
4E001	TECHNOLOGY FOR DEV/PROD/USE OF CERTAIN EQUIP/SOFTW	2	\$2
5A002	SYSTEMS/EQUIPMENT/INTEGRATED CIRCUITS FOR INFO SEC	4	\$663, 695
5D001	SOFTWARE FOR DEV/PROD/USE OF ITEMS IN 5A001/5B001/	1	\$1
5E001	TECHNOLOGY FOR DEV/PROD/USE, ETC, OF EQUIP. IN 5A0	2	\$101
6A003	CAMERAS	2	\$109, 795
7A103	INSTRUMENTATION, NAVIGATION EQUIPMENT/SYSTEMS NOT	1	\$352, 590
	TOTAL APPLICATIONS: 29		
	TOTAL CCL'S: 21		
	TOTAL DOLLAR VALUE: \$2, 493, 700		
UZBEK	ISTAN		
1C350	PRECURSOR/INTERMEDIATE CHEMICALS FOR CHEMICAL WARF	1	\$20, 200, 000
3A002	GENERAL PURPOSE ELECTRONIC EQUIPMENT	1	\$71,061
5A002	SYSTEMS/EQUIPMENT/INTEGRATED CIRCUITS FOR INFO SEC	2	\$12,000
7A103	INSTRUMENTATION, NAVIGATION EQUIPMENT/SYSTEMS NOT	1	\$171, 947
	TOTAL APPLICATIONS: 5		
	TOTAL CCL'S: 4		
	TOTAL DOLLAR VALUE: \$20, 455, 008		
VIETNA	м		
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0A982	SAPS; THUMBCUFFS, LEG IRONS, SHACKLES, AND HANDCUF	1	\$79, 238
1C018	MATERIALS ON THE INTERNATIONAL MUNITIONS LIST	1	\$60, 000
1C350	PRECURSOR/INTERMEDIATE CHEMICALS FOR CHEMICAL WARF	4	\$2, 108, 943
1C351	HUMAN PATHOGENS, ZOONOSES, AND TOXINS	3	\$1, 199
2E201	TECHNOLOGY FOR USE OF COMMODITIES CONTROLLED BY 2A	1	\$200, 000
3A002	GENERAL PURPOSE ELECTRONIC EQUIPMENT	1	\$59, 304
3A231	NEUTRON GENERATOR SYSTEMS INCLUDING TUBES	1	\$102,000

CCL	DESCRI PTI ON	APPLI CATI ONS	DOLLAR VALUE
3E001	TECHNOLOGY FOR DEV OR PROD OF CERTAIN ITEMS IN 3A/	1	\$0
3E201	TECHNOLOGY FOR THE USE OF CERTAIN ITEMS IN 3A	1	\$200,000
4E001	TECHNOLOGY FOR DEV/PROD/USE OF CERTAIN EQUIP/SOFTW	1	\$200, 000
5A002	SYSTEMS/EQUIPMENT/INTEGRATED CIRCUITS FOR INFO SEC	4	\$549, 787
5B001	EQUIPMENT FOR DEV/PROD OR USE OF ITEMS IN 5A001	1	\$39, 768
5D002	SOFTWARE FOR INFORMATION SECURITY	1	\$2,000
5E001	TECHNOLOGY FOR DEV/PROD/USE, ETC, OF EQUIP. IN 5A0	1	\$200, 000
9A018	COMMODITIES ON THE INTERNATIONAL MUNITIONS LIST	3	\$2, 192, 500
9A990	CERTAIN DIESEL ENGINES, OTHER ITEMS, AND PARTS	1	\$100, 000
	TOTAL APPLICATIONS: 22 TOTAL CCL'S: 16		

TOTAL DOLLAR VALUE: \$6,094,739

¹The license and dollar value data in this appendix includes temporary export and reexport licenses.

²Within each country, the sum of the numbers in this column may not equal Total Applications because more than one CCL item may appear on an export license application.