Appendix 1

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

CCL	DESCRIPTION	APPLICATIONS[2]	DOLLAR VALUE

ALBANIA

CCL	DESCRIPTION	APPLICATIONS	DOLLAR VALUE
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

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TOTAL APPLICATIONS: 1
TOTAL CCL'S: 4
TOTAL DOLLAR VALUE: $1,177,000
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ARMENIA

CCL	DESCRIPTION	APPLICATIONS	DOLLAR VALUE
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

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

CCL	DESCRIPTION	APPLICATIONS	DOLLAR VALUE
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

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

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	DESCRIPTION	APPLICATIONS	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

BULGARIA

CCL	DESCRIPTION	APPLICATIONS	DOLLAR VALUE
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

CCL	DESCRIPTION	APPLICATIONS	DOLLAR VALUE
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)

CCL	DESCRIPTION	APPLICATIONS	DOLLAR VALUE
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	DESCRIPTION	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	PRESSURE TRANSDUCERS	13	$620,982
2B231	VACUUM PUMPS	3	$76,453
2B350	CHEMICAL MANUFACTURING FACILITIES AND EQUIPMENT	3	$210,913
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
2E003	OTHER TECHNOLOGY	1	$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	TECHNOLOGY FOR THE USE OF CERTAIN ITEMS IN 3A	1	$133
3E292	TECHNOLOGY FOR EQUIPMENT CONTROLLED BY 3A292	1	$1
3E980	TECHNOLOGY FOR ITEMS CONTROLLED BY 3A980 AND 3A981	1	$0
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	$0
4D003	SPECIFIC SOFTWARE, AS DESCRIBED IN THIS ENTRY	18	$665,859
4D980	SOFTWARE FOR DEV/PROD/USE WITH 4A980 ITEMS	1	$0
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	DESCRIPTION	APPLICATIONS	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
6A203	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

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TOTAL APPLICATIONS: 866
TOTAL CCL'S: 79
TOTAL DOLLAR VALUE: $1,922,304,204
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CUBA

CCL	DESCRIPTION	APPLICATIONS	DOLLAR VALUE
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

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

CCL	DESCRIPTION	APPLICATIONS	DOLLAR VALUE
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

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

GEORGIA

CCL	DESCRIPTION	APPLICATIONS	DOLLAR VALUE
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

CCL	DESCRIPTION	APPLICATIONS	DOLLAR VALUE
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.

CCL	DESCRIPTION	APPLICATIONS	DOLLAR VALUE
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

CCL	DESCRIPTION	APPLICATIONS	DOLLAR VALUE

KYRGYZSTAN

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

CCL	DESCRIPTION	APPLICATIONS	DOLLAR VALUE
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

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     TOTAL APPLICATIONS: 4
     TOTAL CCL'S: 4
     TOTAL DOLLAR VALUE: $1,000,950
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LATVIA

CCL	DESCRIPTION	APPLICATIONS	DOLLAR VALUE
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

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

CCL	DESCRIPTION	APPLICATIONS	DOLLAR VALUE
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

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

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

CCL	DESCRIPTION	APPLICATIONS	DOLLAR VALUE
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

CCL	DESCRIPTION	APPLICATIONS	DOLLAR VALUE
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 0B001,3,8	1	$0
0E001	TECHNOLOGY FOR DEVELOPMENT,PRODUCTION,USE 0B001,3,	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

CCL	DESCRIPTION	APPLICATIONS	DOLLAR VALUE
1C018	MATERIALS ON THE INTERNATIONAL MUNITIONS LIST	6	$5,171,300
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 PATHOGENS, ZOONOSES, AND TOXINS	6	$252,676
1C353	GENETICALLY MODIFIED MICROORGANISMS	1	$14
1D002	SOFTWARE UTILIZED FOR DEVELOPMENT OF ORGANIC MATRI	1	$0
1E001	TECHNOLOGY FOR DEVELOPMENT OF EQUIPMENT UNDER 1A00	1	$0
1E103	TECHNOLOGY TO REGULATE TEMPERATURE OF COMPOSITES	1	$0
2A291	NUCLEAR REACTOR AND NUCLEAR POWER PLANT RELATED EQ	1	$80,000
2B001	NUMERICAL CONTROL UNITS/MOTION CONTROL BOARDS	5	$1,133,586
2B201	MACHINE TOOLS FOR REMOVING OR CUTTING METALS	1	$1,500,000
2B350	CHEMICAL MANUFACTURING FACILITIES AND EQUIPMENT	1	$9,425,500
2B351	TOXIC GAS MONITORING SYSTEM AND DEDICATED DETECTO	1	$34,000
2E001	TECHNOLOGY SUPPORTING EQUIPMENT/SOFTWARE IN 2A/2B/	1	$0
3A001	ELECTRONIC DEVICES/COMPONENTS	29	$306,649
3A002	GENERAL PURPOSE ELECTRONIC EQUIPMENT	2	$288,056
3A233	MASS SPECTROMETERS	2	$682,207
3A981	POLYGRAPHS/FINGERPRINT ANALYZERS/CAMERAS/EQUIPMENT	9	$70,665
3A991	ELECTRONIC DEVICES AND COMPONENTS	1	$26,000
3A992	GENERAL PURPOSE ELECTRONIC EQUIPMENT	11	$117,805
3B001	EPITAXIAL EQUIPMENT FOR SEMICONDUCTORS	1	$726,065
3C004	HYDRIDES OF PHOSPHORUS, ARSENIC, OR ANTIMONY	1	$7,920
3D001	SOFTWARE FOR DEV OR PROD OF EQUIP CERTAIN ITEMS IN	1	$0
3D002	SOFTWARE FOR USE OF CERTAIN EQUIPMENT CONTROLLED B	6	$7
3D003	CAD SOFTWARE FOR SEMICONDUCTOR DEVICES/INTEGRATED	4	$1
3D991	GENERAL PURPOSE ELECTRONIC EQUIPMENT FOR 3A992	1	$5,250
3E001	TECHNOLOGY FOR DEV OR PROD OF CERTAIN ITEMS IN 3A/	18	$14
3E002	OTHER TECHNOLOGY FOR ITEMS IN CATEGORY 3	1	$1
3E991	MANUFACTURING AND TEST EQUIPMENT FOR 3B991/92	1	$2,250
4A001	RUGGEDIZED ELECTRONIC COMPUTERS/RELATED EQUIPMENT	1	$270
4A003	DIGITAL COMPUTERS/ASSEMBLIES AND RELATED EQUIPMENT	72	$22,988,136
4A980	COMPUTERS FOR FINGERPRINT EQUIPMENT, N.E.S.	1	$2,460,316
4A994	ITEMS NOT CONTROLLED BY 4A001/4A002/4A003	67	$3,906,911
4D001	SOFTWARE FOR CERTAIN EQUIPMENT/SOFTWARE IN 4A-4D	3	$173,841
4D003	SPECIFIC SOFTWARE, AS DESCRIBED IN THIS ENTRY	7	$369,804
4D980	SOFTWARE FOR DEV/PROD/USE WITH 4A980 ITEMS	1	$2,311,805
4D994	SOFTWARE FOR DEV/PROD/USE OF ITEMS IN 4A994/4B994/	12	$136,457
4E001	TECHNOLOGY FOR DEV/PROD/USE OF CERTAIN EQUIP/SOFTW	23	$13,405
4E002	OTHER TECHNOLOGY	3	$3
4E980	TECHNOLOGY FOR DEV/PROD/USE OF ITEMS IN 4A980	1	$32,500
4E992	TECHNOLOGY FOR DEV/PROD/USE OF 4A994/4B994/4C994	2	$1
5A001	TELECOMMUNICATIONS/TRANSMISSION EQUIPMENT	13	$166,671
5A002	SYSTEMS/EQUIPMENT/INTEGRATED CIRCUITS FOR INFO SEC	16	$1,902,781
5A991	TRANSMISSION ITEMS NOT W/I 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
5D991	SOFTWARE FOR DEV/PROD/USE WITH 5B994 TEST EQUIPMEN	1	$200
5D992	SOFTWARE NOT CONTROLLED BY 5D002	2	$1,817
5E001	TECHNOLOGY FOR DEV/PROD/USE, ETC, OF EQUIP. IN 5A0	38	$5,053,204
5E002	TECHNOLOGY FOR DEV/PROD/USE OF INFORMATION SECURIT	3	$0

CCL	DESCRIPTION	APPLICATIONS	DOLLAR VALUE
6A001	ACOUSTICS	1	$1,062,000
6A003	CAMERAS	10	$982,850
6A005	OPTICAL EQUIPMENT (LASERS)	1	$10,750
6A203	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 EMI 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
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TAJIKISTAN

CCL	DESCRIPTION	APPLICATIONS	DOLLAR VALUE
1C350	PRECURSOR/INTERMEDIATE CHEMICALS FOR CHEMICAL WARF	1	$4,040,000

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TOTAL APPLICATIONS: 1
TOTAL CCL'S: 1
TOTAL DOLLAR VALUE: $4,040,000
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TURKMENISTAN

CCL	DESCRIPTION	APPLICATIONS	DOLLAR VALUE
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
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UKRAINE

CCL	DESCRIPTION	APPLICATIONS	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	$0
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

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TOTAL APPLICATIONS: 29
TOTAL CCL'S: 21
TOTAL DOLLAR VALUE: $2,493,700
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UZBEKISTAN

CCL	DESCRIPTION	APPLICATIONS	DOLLAR VALUE
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

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TOTAL APPLICATIONS: 5
TOTAL CCL'S: 4
TOTAL DOLLAR VALUE: $20,455,008
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VIETNAM

CCL	DESCRIPTION	APPLICATIONS	DOLLAR VALUE
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

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     CCL       DESCRIPTION                                          APPLICATIONS    DOLLAR VALUE
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    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
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[1]The license and dollar value data in this appendix includes temporary export and reexport licenses.

[2]Within 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.