APPENDIX 1

THE UNITED STATES MUNITIONS LIST

(Articles designated as Arms, Ammunitions, Implements of War (22 CFR 121), Subchapter M - International Traffic in Arms Regulation)

(A boldfaced bullet precedes certain articles that are deemed to be Significant Military Equipment (SME) as defined in Appendix 2)

CATEGORY I - FIREARMS

♦ A. Nonautomatic, semi-automatic and fully automatic firearms to caliber .50 inclusive, and all components and parts for such firearms.

B. Riflescopes manufactured to military specifications, and specifically designed or modified components therefor; firearm silencers and suppressors, including flash suppressors.

♦ C. Insurgency-counterinsurgency type firearms or other weapons having a special military application (e.g., close assault weapons systems) regardless of caliber and all components and parts therefor.

D. Technical data and defense services directly related to the defense articles enumerated above. Technical data directly related to the manufacture or production of any defense articles enumerated elsewhere in this category that are designated as Significant Military Equipment (SME) shall itself be designated SME.

CATEGORY II - ARTILLERY PROJECTORS

♦ A. Guns over caliber .50, howitzers, mortars, and recoilless rifles.

♦ B. Military flamethrowers and projectors.

C. Components, parts, accessories and attachments for the articles in paragraphs A and B of this category, including but not limited to mounts and carriages for these articles.

D. Technical data and defense services directly related to the defense articles enumerated above. Technical data directly related to the manufacture or production of any defense articles enumerated elsewhere in this category that are designated as Significant Military Equipment (SME) shall itself be designated SME.

CATEGORY III - AMMUNITION

♦ A. Ammunition for the arms in Categories I and II of this section.

B. Components, parts, accessories and attachments for articles in paragraph A of this category, including but not limited to cartridge cases, powder bags, bullets, jackets, cores, shells (excluding shotgun shells), projectiles, boosters, fuzes and components therefor, primers, and other detonating devices for such ammunition.

C. Ammunition belting and linking machines.

♦ D. Ammunition manufacturing machines and ammunition loading machines (except handloading ones).

E. Technical data and defense services directly related to the defense articles enumerated above. Technical data directly related to the manufacture or production of any defense articles enumerated elsewhere in this category that are designated as Significant Military Equipment (SME) shall itself be designated SME.

CATEGORY IV - LAUNCH VEHICLES, GUIDED MISSILES, BALLISTIC MISSILES, ROCKETS, TORPEDOES, BOMBS AND MINES.

♦ A. Rockets (including but not limited to meteorological and other sounding rockets), bombs, grenades, torpedoes, depth charges, land and naval mines, as well as launchers for such defense articles, and demolition blocks and blasting caps.

♦ B. Launch vehicles and missile and antimissile systems including but not limited to guided, tactical and strategic missiles, launchers, and systems.

C. Apparatus, devices and materials for the handling, control, activation, monitoring, detection, protection, discharge, or detonation of the articles in paragraphs A and B of this category.

♦ D. Missile and space vehicle powerplants.

♦ E. Military explosive excavating devices.

♦ F. Ablative materials fabricated or semifabricated from advanced composites (e.g., silica, graphite, carbon, carbon/carbon, and boron filaments) for the articles in this category that are derived directly from or specifically developed or modified for defense articles.

♦ G. Non-nuclear warheads for rockets and guided missiles.

H. All specifically designed or modified components, parts, accessories, attachments, and associated equipment for the articles in this category.

I. Technical data and defense services directly related to the defense articles enumerated above. Technical data directly related to the manufacture or production of any defense articles enumerated elsewhere in this category that are designated as Significant Military Equipment (SME) shall itself be designated SME.

CATEGORY V - EXPLOSIVES, PROPELLANTS, INCENDIARY AGENTS, *AND THEIR CONSTITUENTS*

♦ A. Military explosives.

♦ B. Military fuel thickeners.

C. Propellants for the articles in Categories III and IV of this section.

D. Military pyrotechnics, except pyrotechnic materials having dual military and commercial use.

E. All compounds specifically formulated for the articles in this category.

F. Technical data and defense services directly related to the defense articles enumerated above. Technical data directly related to the manufacture or production of any defense articles enumerated elsewhere in this category that are designated as Significant Military Equipment (SME) shall itself be designated SME.

CATEGORY VI - VESSELS OF WAR AND SPECIAL NAVAL EQUIPMENT

♦ A. Warships, amphibious warfare vessels, landing craft, mine warfare vessels, patrol vessels, auxiliary vessels and service craft, experimental types of naval ships and any vessels specifically designed or modified for military purposes.

♦ B. Turrets and gun mounts, arresting gear, special weapons systems, protective systems, submarine storage batteries, catapults and other components, parts, attachments, and accessories specifically designed or modified for combatant vessels.

C. Mine sweeping equipment, components, parts, attachments and accessories specifically designed or modified therefor.

D. Harbor entrance detection devices, (magnetic, pressure, and acoustic) and controls and components therefor.

♦ E. Naval nuclear propulsion plants, their land prototypes, and special facilities for their construction support and maintenance. This includes any machinery, device, component, or equipment specifically developed, designed or modified for use in such plants or facilities.

F. All specifically designed or modified components, parts, accessories, attachments and associated equipment for articles in this category.

G. Technical data and defense services directly related to the defense articles enumerated above. Technical data directly related to the manufacture or production of any defense articles enumerated elsewhere in this category that are designated as Significant Military Equipment (SME) shall itself be designated SME.

CATEGORY VII - TANKS AND MILITARY VEHICLES

♦. A. Military type armed or armored vehicles, military railway trains, and vehicles specifically designed or modified to accommodate mounting for arms or other specialized military equipment or fitted with such items.

♦ B. Military tanks, combat engineer vehicles, bridge launching vehicles, half-tracks and gun carriers.

♦ C. Self-propelled guns and howitzers.

D. Military trucks, trailers, hoists and skids specifically designed, modified or equipped to mount or carry weapons of Categories I, II and IV or for carrying and handling the articles in paragraph A of Categories III and IV.

♦ E. Military recovery vehicles.

♦ F. Amphibious vehicles.

♦ G. Engines specifically designed or modified for the vehicles in paragraphs A, B, C, and F of this category.

H. All specifically designed or modified components, parts, accessories, attachments and associated equipment for the articles in this category, including but not limited to military bridging and deep water fording kits.

I. Technical data and defense services directly related to the defense articles enumerated above. Technical data directly related to the manufacture or production of any defense articles enumerated elsewhere in this category that are designated as Significant Military Equipment (SME) shall itself be designated SME.

CATEGORY VIII - AIRCRAFT, SPACECRAFT, AND ASSOCIATED EQUIPMENT

♦ A. Aircraft, including but not limited to helicopters, nonexpansive balloons, drones, and lighter-than-air aircraft, which are specifically designed, modified, or equipped for military purposes. This includes but is not limited to the following military purposes: gunnery, bombing, rocket or missile launching, electronic and other surveillance, reconnaissance, refueling, aerial mapping, military liaison, cargo carrying or dropping, personnel dropping, airborne warning and control, and military training.

♦ ***B*** . Military aircraft engines, except reciprocating engines, and spacecraft engines specifically designed or modified for the aircraft and spacecraft in paragraphs A and B of this category.

♦ *C.* Cartridge-actuated devices utilized in emergency escapes of personnel and airborne equipment (including but not limited to airborne refueling equipment) specifically designed or modified for use with the aircraft, spacecraft and engines of the types in paragraphs A, B, and C of this category.

D. Launching and recovery equipment for the articles in paragraphs A and I of this category, if the equipment is specifically designed or modified for military use or for use with spacecraft. Fixed land-based arresting gear is not included in this category.

♦ *E.* Inertial navigation systems, ***aided or hybrid inertial navigation systems, Inertial Measurement Units (IMUs) specifically designed, modified, or configured for military use and all specifically designed components, parts, and accessories. For other inertial reference systems and related components refer to Category XII.***

♦ *F.* Developmental aircraft and components thereof which have a significant military applicability, excluding such aircraft and components that have been certified by the Federal Aviation Administration and determined through the commodity jurisdiction procedure, ***to be subject to the export control jurisdiction of the Department of Commerce.***

♦ *G.* Ground effect machines (GEMs) specifically designed or modified for military use, including but not limited to surface effect machines and other air cushion vehicles, and all components, parts, accessories, attachments, and associated equipment specifically designed or modified for use with such machines.

♦ ***H. Spacecraft, including manned and unmanned, active and passive satellites (except those listed in Category XV).***

I. Power supplies and energy sources specially designed or modified for spacecraft in paragraph H.

J. Components, parts, accessories, attachments, and associated equipment (including ground support equipment) specifically designed or modified for the articles in paragraphs A through I of this category, excluding aircraft tires and propellers used with reciprocating engines.

K. Technical data and defense services directly related to the defense articles enumerated above. Technical data directly related to the manufacture or production of any defense articles enumerated elsewhere in this category that are designated as Significant Military Equipment (SME) shall itself be designated SME.

L. Nonmilitary aircraft inertial navigation systems, except those systems or components that are standard equipment in civil aircraft, including spare parts and spare units to be used exclusively for the maintenance of inertial navigation equipment incorporated in civil aircraft and are certified by the Federal Aviation Administration (FAA) as being an integral part of such aircraft.

M. Technical data for the design, development, production, or manufacture of inertial navigation equipment or its related parts, components or subsystems which are standard equipment in civil aircraft and which are certified by the Federal Aviation Administration as being an integral part of such aircraft. FAA certified inertial navigation systems and all other technical data associated with such systems is under the licensing jurisdiction of the Department of Commerce.

CATEGORY IX - MILITARY TRAINING EQUIPMENT

A. Military training equipment including but not limited to attack trainers, radar target trainers, radar target generators, gunnery training devices, antisubmarine warfare trainers, target equipment, armament training units, operational flight trainers, ***air combat training systems, radar trainers,*** navigation trainers, and simulation devices related to defense articles.

B. Components, parts, accessories, attachments, and associated equipment specifically designed or modified for the articles in paragraph A of this category.

C. Technical data and defense services directly related to the defense articles enumerated above. Technical data directly related to the manufacture or production of any defense articles enumerated elsewhere in this category that are designated as Significant Military Equipment (SME) shall itself be designated SME.

CATEGORY X - PROTECTIVE PERSONNEL EQUIPMENT

A. Body armor specifically designed, modified or equipped for military use; articles, including but not limited to clothing, designed, modified or equipped to protect against or reduce detection by radar, infrared (IR) or other sensors; military helmets equipped with communications hardware, optical sights, slewing devices or mechanisms to protect against thermal flash or lasers, excluding standard military helmets.

B. Partial pressure suits and liquid oxygen converters used in aircraft in Category VIII, paragraph A.

C. Protective apparel and equipment specifically designed or modified for use with the articles in paragraphs A through D in Category XIV.

D. Components, parts, accessories, attachments, and associated equipment specifically designed or modified for use with the articles in paragraphs A through C of this category.

E. Technical data and defense services directly related to the defense articles enumerated above. Technical data directly related to the manufacture or production of any defense articles enumerated elsewhere in this category that are designated as Significant Military Equipment (SME) shall itself be designated SME.

CATEGORY XI - MILITARY AND SPACE ELECTRONICS

A. Electronic equipment not included in Category XII of the Munitions List which is assigned a military designation or is specifically designed, modified or configured for military application. This ***equipment*** includes but is not limited to:

♦ 1. Underwater sound equipment ***to include active and passive detection, identification, tracking, and weapons control equipment.***

♦ *2. Underwater acoustic active and passive countermeasures and counter-countermeasures.*

3. Radar systems, with capabilities such as:

♦ *a. Search,*

♦ *b. Acquisition,*

♦ *c. Tracking,*

♦ *d. Moving target indication,*

♦ *e. Imaging radar systems,*

f. Any ground air traffic control radar which is specifically designed or modified for military application.

♦ *4. Electronic combat equipment, such as:*

a. Active and passive countermeasures,

b. Active and passive counter-countermeasures, and

c. Radios (including transceivers) specifically designed or modified to interfere with other communication devices or transmissions.

♦ *5. Command, control and communication systems to include radios (transceivers), navigation, and identification equipment.*

6. Computers specifically designed for military application and any computer specifically modified for use with any category of the U.S. Munitions List.

7. Any experimental or developmental electronic equipment specifically designed or modified for military application or specifically designed or modified for use with a military system.

♦ *B.* Electronic systems or equipment specifically designed, modified, configured for ***intelligence, security, or military purposes for*** use in search, reconnaissance, collection, monitoring, direction-finding, display, analysis and production of information from the electromagnetic spectrum and electronic systems or equipment designed or modified to counteract ***electronic*** surveillance ***or*** monitoring. ***A system meeting this definition is controlled under the U.S. Munitions List even in instances where any individual pieces of equipment constituting the system may be subject to the controls of another U.S. Government agency. Such systems or equipment described above include, but are not limited to those:***

1. Designed or modified to use cryptographic techniques to generate the spreading code for spread spectrum or hopping code for frequency agility. This does not include fixed code techniques for spread spectrum.

2. Designed or modified for using burst techniques (e.g., time compression techniques) for intelligence, security, or military purposes.

3. Designed or modified for the purpose of information security to suppress the compromising emanations of information bearing signals. This covers TEMPEST suppression technology and equipment meeting or designed to meet Government TEMPEST standards. This definition is not intended to include equipment designed to meet Federal Communication Commission (FCC) commercial electromagnetic interference standards or equipment designed for health or safety.

C. Space electronics:

♦ *1. Electronic equipment specifically designed or modified for spacecraft and spaceflight, and*

2. Electronic equipment specifically designed or modified for use with nonmilitary communications satellites.

3. Components, parts, accessories, attachments, and associated equipment specifically designed or modified for use or currently used with the equipment in paragraphs 1 and 2 of this category.

D. Components, parts, accessories, attachments, and associated equipment specifically designed or modified for use or currently used with the equipment in paragraphs A through *B* of this category, except for such items as are in normal commercial use.

E. Technical data and defense services directly related to the defense articles enumerated above. Technical data directly related to the manufacture or production of any defense articles enumerated elsewhere in this category that are designated as Significant Military Equipment (SME) shall itself be designated SME.

CATEGORY XII - FIRE CONTROL, RANGE FINDER, OPTICAL AND GUIDANCE AND CONTROL EQUIPMENT

♦ A. Fire control systems; gun and missile tracking and guidance systems; ***gun range, position, height finders, spotting instruments and laying equipment;*** aiming devices (electronic, optic, and acoustic); bomb sights, bombing computers, military television sighting and viewing units, and periscopes for the articles of this section.

♦ *B. Lasers specifically designed, modified or configured for military application including those used in military communication devices, target designators and range finders, target detection systems, and directed energy systems.*

♦ *C. Infrared focal plane array detectors specifically designed, modified or configured for military use; image intensification and other night sighting equipment or systems specifically designed, modified or configured for military use; second generation and above military image intensification tubes (defined below) specifically designed, modified or configured for military use, and, infrared, visible, and ultraviolet devices specifically designed, modified or configured for military application.*

NOTE: Special Definition. For purposes of this subparagraph, second and third generation image intensification tubes are defined as having a peak response within the 0.4 to 1.05 micron wavelength range and incorporating a microchannel plate for electron image amplification having a hole pitch (center-to-center spacing) of less than 25 microns and having either: an S-20, S-25 or multialkali photocathode; or a semiconductor photocathode.

♦ *D.* Inertial *platforms and sensors for weapons or weapons systems;* guidance, control *and stabilization* systems *except for those systems covered in Category VII;* astro compasses and star trackers *and military and nonmilitary accelerometers and gyros. For aircraft inertial reference systems and related components refer to Category VIII.*

E. Nonmilitary second generation and above image intensification tubes, nonmilitary infrared focal plane arrays, and image intensification tubes identified in paragraph C of this section when part of a commercial system (i.e., those systems originally designed for commercial use). This does not include military systems comprised of non-military specification components.

F. Components, parts, accessories, attachments, and associated equipment specifically designed or modified for the articles in paragraphs A and B of this category, except for such items as are in normal commercial use.

G. Technical data and defense services directly related to the defense articles enumerated above. Technical data directly related to the manufacture or production of any defense articles enumerated elsewhere in this category that are designated as Significant Military Equipment (SME) shall itself be designated SME.

CATEGORY XIII - AUXILIARY MILITARY EQUIPMENT

A. Cameras *including* space cameras and specialized processing equipment therefor; photointerpretation, stereoscopic plotting, and photogrammetry equipment *which are specifically designed or modified for military purposes,* and components specifically designed or modified therefor.

B. *Information Security Systems and equipment, cryptographic devices, software, and components specifically designed or modified therefor, including:*

1. Cryptographic (including key management) systems, equipment, assemblies, modules, integrated circuits, components or software with the capability of maintaining secrecy or confidentiality of information or information systems, <u>except</u> cryptographic equipment and software as designated in 22 CFR, Part 121, §121.1, Category XIII, Paragraphs (b)(1)(i) through (ix).

2. Cryptographic (including key management) systems, equipment, assemblies, modules, integrated circuits, components or software which have the capability of generating spreading or hopping codes for spread spectrum systems or equipment.

3. Cryptanalytic systems, equipment, assemblies, modules, integrated circuits, components or software.

4. Systems, equipment, assemblies, modules integrated circuits, components or software providing certified or certifiable multi-level security or user isolation exceeding class B2 of the Trusted Computer System Evaluation Criteria (TCSEC) and software to certify such systems, equipment or software.

5. Ancillary equipment specifically designed or modified for paragraphs B.1-5. of this category.

C. Self-contained diving and underwater breathing apparatus *as follows:*

1. Closed and semi-closed circuits (rebreathing) apparatus;

2. Specially designed components for use in the conversion of open-circuit apparatus to military use; and

3. Articles exclusively designed for military use with self-contained diving and underwater swimming apparatus.

D. Carbon/carbon billets and preforms which are reinforced with continuous unidirectional tows, tapes, or woven cloths in three or more dimensional planes (i.e., 3D, 4D, etc.). This is exclusive of carbon/carbon billets and preforms where reinforcement in the third dimension is limited to interlocking of adjacent layers only, and carbon/carbon 3D, 4D, etc., end items which have not been specifically designed or modified for defense articles (e.g., brakes for commercial aircraft or high speed trains). Armor (e.g., organic, ceramic, metallic), and reactive armor which has been specifically designed or modified for defense articles. Structural materials including carbon/carbon and metal matrix composites, plate, forgings, castings, welding consumables and rolled and extruded shapes which have been specifically designed or modified for defense articles.

E. Concealment and deception equipment, including but not limited to special paints, decoys, and simulators and components, parts and accessories specifically designed or modified therefor.

F. Energy conversion devices for producing electrical energy from nuclear, thermal, or solar energy, or from chemical reaction which are specifically designed or modified for military application.

G. Chemiluminescent compounds and solid state devices specifically designed or modified for military application.

H. Devices embodying particle beam and electromagnetic pulse technology *and associated components and subassemblies (e.g., ion beam current ejectors, particle accelerators for neutral or charged particles, beam handling and projection equipment, beam steering, fire control, and pointing equipment, test and diagnostic instruments, and targets) which are specifically designed or modified for directed energy weapon applications.*

I. Metal embrittling agents.

♦ *J. Hardware and equipment, which has been specifically designed or modified for military applications, that is associated with the measurement or modification of system signatures for detection of defense articles. This includes but is not limited to signature measurement equipment; prediction techniques and codes; signature materials and treatments; and signature control design methodology.*

K. Technical data and defense services directly related to the defense articles enumerated above. Technical data directly related to the manufacture or production of any defense articles enumerated elsewhere in this category that are designated as Significant Military Equipment (SME) shall itself be designated SME.

CATEGORY XIV - TOXICOLOGICAL AGENTS AND EQUIPMENT AND RADIOLOGICAL EQUIPMENT

♦ A. Chemical agents, including but not limited to lung irritants, vesicants, lachrymators, tear gases (except tear gas formulations containing 1percent or less CN or CS), sternutators and irritant smoke, and nerve gases and incapacitating agents.

♦ B. Biological agents.

♦ C. Equipment for dissemination, detection, and identification of, and defense against, the articles in paragraphs A and B of this category.

♦ D. Nuclear radiation detection and measuring devices, manufactured to military specification.

E. Components, parts, accessories, attachments, and associated equipment specifically designed or modified for the articles in paragraphs C and D of this category.

F. Technical data and defense services directly related to the defense articles enumerated above. Technical data directly related to the manufacture or production of any defense articles enumerated elsewhere in this category that are designated as Significant Military Equipment (SME) shall itself be designated SME.

CATEGORY XV - *SPACECRAFT SYSTEMS AND ASSOCIATED EQUIPMENT*

♦ *A. Spacecraft and associated hardware including ground support equipment, specifically designed or modified for military use.*

B. 1. Reserved.

2. Communications satellites (excluding ground stations and their associated equipment and technical data not enumerated elsewhere in the U.S. Munitions List; for controls on such ground stations see 15 CFR, Part 799.1, Commerce Control List) with any of the following characteristics:

a. Anti-jam capability. Antennas and/or antenna systems with the ability to respond to incoming interference by adaptively reducing antenna gain in the direction of the interference.

b. Antennas:

(a) With aperture (overall dimension of the radiating portions of the antenna) greater than 30 feet; or

(b) With sidelobes less than or equal to -35dB; or

(c) Designed, modified or configured to provide coverage area on the surface of the earth less than 200nm in diameter, where "coverage area" is defined as that area on the surface of the earth that is illuminated by the main beam width of the antenna (which is the angular distance between half power points of the beam).

c. Designed, modified or configured for intersatellite data relay links that do not involve a ground relay terminal ("crosslinks").

d. Spaceborne baseband processing equipment that uses any technique other than frequency translation which can be changed several times a day on a channel by channel basis among previously assigned fixed frequencies.

e. Employing any of the cryptographic items controlled under Category XIII of the U.S. Munitions List.

f. Employing radiation-hardened devices controlled elsewhere in the U.S. Munitions List that are not "embedded in the satellite in such a way as to deny physical access. (Here "embedded" means that the device either cannot feasibly be removed from the satellite or be used for other purposes.)

g. Having propulsion systems which permit acceleration of the satellite on-orbit (i.e., after mission orbit injection) at rates greater than 0.1g.

h. Having altitude control and determination systems designed to provide spacecraft pointing determination and control better than 0.02 degrees azimuth and elevation.

i. Having orbit transfer engines ("kick-motors") which remain permanently with the spacecraft and are capable of being restarted after achievement of mission orbit and providing acceleration greater than 1g. (Orbit transfer engines which are not designed, built, and shipped as an integral part of the satellite are controlled under Category IV of the U.S. Munitions List.)

C. Global Positioning Systems (GPS) receiving equipment specifically designed, modified or configured for military use; or GPS receiving equipment with any of the following characteristics:

1. Designed for encryption or decryption (e.g., Y-Code) of GPS precise positioning service (PPS) signals;

2. Designed for producing navigation results above 60,000 feet altitude and at 1,000 knots velocity or greater;

3. Specifically designed or modified for use with a null steering antenna designed to reduce or avoid jamming signals;

4. Designed or modified for use with unmanned air vehicle systems capable of delivering at least a 500 kg payload to a range of at least 300 km.

NOTE: GPS receivers designed or modified for use with military unmanned air vehicle systems with less capability are considered to be specifically designed, modified or configured for military use and therefore covered under this subparagraph.

D. Components, parts, accessories, attachments, and associated equipment (including ground support equipment) specifically designed, modified or configured for the articles in paragraphs 1 through 3 of this category, as well as for any satellites under the export licensing jurisdiction of the Department of Commerce except as noted in 22 CFR, Part 121, §121.1, Category XV, Explanatory Note.

E. Technical data and defense services directly related to the defense articles enumerated above. Technical data directly related to the manufacture or production of any defense articles enumerated elsewhere in this category that are designated as Significant Military Equipment (SME) shall itself be designated SME. In addition, detailed design, development, production or manufacturing data for all spacecraft systems and specifically designed or modified components thereof, regardless of which U.S. Government agency has jurisdiction for export of the hardware. This restriction does not include that level of technical data (including marketing data) necessary for a purchaser to have assurance that a U.S.-built item intended to operate in space has been designed, manufactured and tested in conformance with specific contract requirements (e.g., operational performance, reliability, lifetime, product quality, or delivery expectations) and data necessary to evaluate in-orbit anomalies and to operate and maintain associated ground equipment.

CATEGORY XVI - NUCLEAR WEAPONS DESIGN AND TEST EQUIPMENT

♦ A. Any article, material, equipment, or device which is specifically designed or modified for use in the design, development, or fabrication of nuclear weapons or nuclear explosive devices. (See Department of Commerce Export Regulations, 15 CFR Part 788).

♦ B. Any article, material, equipment, or device which is specifically designed or modified for use in the devising, carrying out, or evaluating of nuclear weapons tests or any other nuclear explosions, except such items as are in commercial use for other purposes.

C. Technical data and defense services directly related to the defense articles enumerated above. Technical data directly related to the manufacture or production of any defense articles enumerated elsewhere in this category that are designated as Significant Military Equipment (SME) shall itself be designated SME.

CATEGORY XVII - CLASSIFIED ARTICLES NOT OTHERWISE ENUMERATED

♦ All articles, technical data ***and defense services*** relating thereto which are classified in the interest of national security and which are not otherwise enumerated in the U.S. Munitions List.

CATEGORY XVIII - ***RESERVED***

CATEGORY XIX - ***RESERVED***

CATEGORY XX - SUBMERSIBLE VESSELS, OCEANOGRAPHIC AND ASSOCIATED EQUIPMENT

♦ A. Submersible vessels, manned and unmanned, ***tethered or untethered,*** designed or modified for military purposes or powered by nuclear propulsion plants.

♦ B. ***Swimmer delivery vehicles designed or modified for military purposes.***

C. Equipment, components, parts, accessories, and attachments specifically designed or modified for any of the articles in paragraphs A and B of this category.

D. Technical data and defense services directly related to the defense articles enumerated above. Technical data directly related to the manufacture or production of any defense articles enumerated elsewhere in this category that are designated as Significant Military Equipment (SME) shall itself be designated SME.

CATEGORY XXI - MISCELLANEOUS ARTICLES

A. Any article not specifically enumerated in the other categories of the U.S. Munitions List which has substantial military applicability and which has been specifically designed or modified for military purposes. The decision on whether any article may be included in this category shall be made by the Director of the Office of Munitions Control.

B. Technical data and defense services directly related to the defense articles enumerated above. Technical data directly related to the manufacture or production of any defense articles enumerated elsewhere in this category that are designated as Significant Military Equipment (SME) shall itself be designated SME.