

Language of Espionage

Top Secret Terminology From The Invisible Enemy Series

Atomic Vapor Laser Isotope Separation (AVLIS) – A process of creating weapons grade enriched uranium (for weapons of mass destruction) by separating the ^{235}U (the rare isotope) and ^{238}U isotopes of uranium. ^{235}U atoms and ^{238}U atoms absorb light of different frequencies (or colors). The dye lasers used in AVLIS can be tuned so that only the ^{235}U atoms absorb the laser light. As the ^{235}U atom absorbs the laser light, its electrons are excited to a higher energy state. With the absorption of sufficient energy, a ^{235}U atom will eject an electron and become a positively charged ion. The ^{235}U ions may then be deflected by an electrostatic field to a product collector. The ^{238}U atoms remain neutral and pass through the product collector section and are deposited elsewhere. Many countries are pursuing some level of AVLIS research and/or development (Iran is known to have invested in AVLIS technology). Advantages of the AVLIS process include a high separation factor, low energy consumption, a small volume of generated radioactive waste, extremely difficult to detect.

Beale cipher is a modified book cipher (each word in the secret message is replaced with a number which represents the position of a word in the book. Instead of replacing each word in the secret message with a number, you replace each letter in the secret message with a number. (The letter by letter method makes it easier to encode a message with unusual words that may not appear in the book.) With this method, each letter in the secret message is replaced with a number which represents the position of a word in the book which starts with this letter. For example, if we are enciphering the word "attack" we would start with the letter A. We would find a word in the book that started with A. Lets say that the 27th word was "and". The letter A is now translated to 27. An encoded message may look something like this.

BND –the Bundesnachrichtendienst. Germany's intelligence agency. Literally translated as the Federal News Agency or Federal Intelligence Agency

Beta program – Program not yet finished (debugging, or testing is still incomplete) but still useable.

The Camp, The Campus, The Farm - A nickname for the CIA's secret domestic training base.

DEFCON - The **Defense Readiness Condition (DEFCON)** is a measure of the activation and readiness level of the U.S. Armed Forces. Standard peacetime protocol is DEFCON 5, descending in increasingly severe situations. DEFCON 1 represents expectation of actual imminent attack.

Environmental Protection Agency (EPA) - An agency of the U.S. government established in 1970 to reduce and control pollution and radiation, and to ensure the safe handling and disposal of toxic substances. The EPA engages in research, monitoring, and

the setting and enforcement of national standards. Headquartered in Washington, D.C., the EPA reports directly to the U.S. President. They have an appeals board The Environmental Appeals Board (EAB) which is the final Agency decision maker on EPA case appeals The EAB sits in panels of three and makes decisions by majority vote.

ETA/ETC – estimated time of arrival /Estimated time of completion

Eugenics - is a social philosophy which advocates the improvement of human hereditary traits through various forms of intervention such as selective breeding, genetic counseling, birth control, in vitro fertilization, and genetic engineering. Opponents argue that eugenics is immoral. Eugenics was also used to rationalize certain aspects of the Holocaust.

Flashbang – a stun grenade used to confuse, disorient, incapacitate or distract a potential threat generally without causing serious injury. A stun grenade can seriously degrade the combat effectiveness of affected personnel for up to a minute by producing a blinding flash and deafening blast.

FSB *Federalnaya Sluzhba Bezopasnosti* - Federal Security Service of the Russian Federation – Potent successor to the Russian KGB along with **The Foreign Intelligence Service (SVR)**. Since the fall of the Soviet Union, the FSB and SVR became more influential and usurped more responsibilities. FSB and SVR carry out intelligence, counterintelligence, counterterrorism, economic crime investigation, electronic intelligence, border control and “social monitoring.” The SVR is Russia’s external intelligence arm, known to be very influential behind the scenes. The FSB primarily focuses on domestic security. In 2006, the FSB came under international scrutiny for the mysterious deaths of two of its most prominent opponents, a journalist and an author, both outspoken against the FSB tactics, and human rights abuses (including assassinations). The FSB and SVR are symbols of a resurgent and ever more powerful Russian central government.

Hit Squad – A group of assassins on a mission to kill a target

Hizballah - is an Islamic movement founded after Israel seized Lebanon via military force in 1982, which resulted in the formation of Islamic resistance committed to the ejection of Israeli forces. It has expanded and strengthened ever since, primarily due to its wave of suicide bombings (between the spring of 1983 to the summer of 1985 the Hizballah launched an unprecedented wave of suicide bombings which included an attack on the US embassy and at a US Marine base in Beirut) and foreign support by Iran and Syria. Hizballah is dedicated to liberating Jerusalem and completely eliminating Israel. It is strongly anti-Western and anti-Israeli. Over the years Hizballah military operations have grown to include attacking embassies, alleged kidnappings, ambushing convoys, laying explosive devices, booby-trapping cars, and launching long range rockets at Israeli defense outposts and into Israel proper. Hizballah is known or suspected to have been involved in numerous anti-US terrorist attacks, including the suicide truck bombing of the US Embassy and US Marine barracks in Beirut in October 1983 and the US Embassy

Annex in Beirut in September 1984. Elements of the group were responsible for the kidnapping and detention of US and other Western hostages in Lebanon. The group also attacked the Israeli Embassy in Argentina in 1992. Published reports indicated that Iran provides hundreds million dollars of aid annually. Six countries list Hezbollah (or its security arm) as a terrorist organization. Hizballah is not affiliated with Al-Quada (see Sunni and Shi'ite Muslims)

International Atomic Energy Agency (IAEA or AEA) - is the world's center of cooperation in the nuclear field. Partnered with the UN, the IAEA works to promote (and inspect) safe, secure and peaceful uses nuclear technologies worldwide. Three main pillars define the IAEA's mission: Safety and Security (helping countries to upgrade nuclear safety and security, and to prepare for and respond to emergencies); Science and Technology (helping countries mobilize peaceful applications of nuclear science and technology.); and Safeguards and Verification (The IAEA is the world's nuclear inspectorate, with more than four decades of verification experience. Trained inspectors work to verify that safeguarded nuclear material and activities are **not** used for military purposes).

Isotope - one of two or more atoms having the same atomic number but differing in atomic weight and mass number, meaning one of the atoms has more neutrons.

Kennedy Assassination Tool – used to line up where a sniper fired a shot from using trajectory, angles, and other variables.

KGB - Komitet Gosudarstvennoy Bezopasnosti - The all-powerful intelligence and security service of the U.S.S.R. during the Cold War. Disbanded into the FSB in 1991. Many experts consider the KGB as the then world's most effective information-gathering organization. The KGB is still remembered for its unethical practices ranging from “ideological subversion” (locking people in cruel prisons [“Gulags”] without trial, bribery, blackmail, and placing illegal residents in target countries.

Kill spot – a spot an assassin is trained to attack in order to quickly kill a hostile with minimal resistance or sound from the target

Mix and Match – an application used to match different groups of facial features (eyes, nose, lips, facial hair) to come up with a possible physical profile of a suspect, then match the physical profile with known suspects in the database

MRBM – Medium range ballistic missiles. They have a maximum range of between 1,000 and 3,000 km

Narcotherapy Hypnosis – CIA interrogators use hypnosis to force regression in the prisoner to make him believe he is talking to his spouse or another very familiar person

National Security Council (NSC) - is the President's principal forum for considering national security and foreign policy matters with his senior national security advisors and

cabinet officials. Since its inception under President Truman, the function of the Council has been to advise and assist the President on national security and foreign policies. The Council also serves as the President's principal arm for coordinating these policies among various government agencies.

Non Proliferation Treaty (NPT) - A treaty to limit the spread of nuclear weapons. There are currently 187 countries party to the NPT, 5 of which have nuclear weapons (these countries are known as Nuclear Weapon States): United States, United Kingdom, France, Russia, and China. NPT safeguard systems are used to verify compliance with the Treaty through inspections conducted by the IAEA. The Treaty promotes co-operation in the field of peaceful nuclear technology while safeguards prevent the diversion of fissile material for weapons use.

NRO National Reconnaissance Organization – This once classified Organization is responsible for operating stations around the world which collect and distribute intelligence gathered from U.S. reconnaissance satellites. Based in Chantilly, VA the NRO was established on August 25, 1960 as a classified agency to develop the nation's revolutionary satellite reconnaissance systems. And provide maintenance and monitoring. The existence of the NRO was declassified in 1992

Secret Warrant – A warrant issued by a secret court, known as the FISA Court (Foreign Intelligence Surveillance Act,) with power to issue secret warrants. The purpose of these warrants is to aid in intelligence-gathering, with a view toward preventing espionage and terrorism. Secret warrants enable web, phone, electronic and other types of tracking and monitoring as well. The suspect does not have to be notified of this warrant, nor is there an appeal process.

Sleeper Agent (V Chain Operative)– an inactive deep-cover agent

UB list (Unusual behavior list) - is a list of all CIA agents having Unusual Behavior documented on their surveillance files

USEC - U.S. Enrichment Corporation – A leading supplier of enriched uranium fuel for commercial nuclear power plants. USEC operates the only uranium enrichment facility in the United States and supplies more than half of the U.S. market and more than a quarter of the world market. The AVLIS project was originally transferred to USEC (from its original developers) for further development. In June 1999 USEC announced that it was discontinuing its development of the AVLIS process. When USEC terminated development of the AVLIS technology, argued that the rates of return were not sufficient to outweigh the risks and ongoing capital expenditures necessary to continue to develop and construct an AVLIS production plant.

Uranium - used as the fissile explosive material to produce nuclear weapons and is weakly radioactive. It has 92 protons and electrons and can have between 141 and 146

neutrons. In nature, uranium atoms exist as Uranium 238 (99.284%), Uranium 235 (0.711%). It occurs naturally in low concentrations and is commercially extracted.

USB Device (or USB “flash drive”) – is a tiny flash memory data storage device integrated with a USB (universal serial bus) connector, allowing it to connect to any modern computer with a USB port. USB devices pose a threat to security as they are extremely easy to use, conceal, and transport in and out of secured areas. It works like a floppy disk (removable and rewritable) however it can contain over 100 times the capacity of a traditional floppy disk and is more reliable.

Treaty Between the United States of America and the Russian Federation on Strategic Offensive Reductions (SORT) -is the latest in a long line of treaties and negotiations on mutual nuclear disarmament Russia (and its predecessor the **Soviet Union**) and the United States, which includes SALT I (1969-1972) ABM Treaty (1972) SALT II (1972-1979), the INF Treaty (1987), START I (1991), START II (1993), and START III which died as of the linkage to START II. Also known as the Moscow Treaty, it represents an important element of the new strategic relationship between the United States and Russia with both parties agreeing to limit their nuclear arsenal to 1700–2200 operationally deployed warheads each. It was signed in Moscow on May 24, 2002.

Sunni and Shi'ite Muslims (the difference between them) - The groups first diverged after the Prophet Muhammad died in 632, and his followers could not agree on whether to choose bloodline successors or leaders most likely to follow the tenets of the faith. The group now known as Sunnis chose Abu Bakr, the prophet's adviser, to become the first successor, or caliph, to lead the Muslim state. Shi'ites favored Ali, Muhammad's cousin and son-in-law. Ali and his successors are called imams, who not only lead the Shi'ites but are considered to be descendants of Muhammad. It is estimated by public sources that the majority of the Muslim world are Sunni Muslims. Osama bin Laden and followers are said to be Sunni Muslims. Hizballah (see Hizballah) are Shi'ite Muslims.