Acronyms and Abbreviations

Researched and compiled by Joe Cyr (*www.joe-cyr.com*)

U

UA Unit of Action (Army)

UAE Unknown - Assumed Enemy

UART Universal Asynchronous Receiver/Transmitter

UAS Unmanned Aircraft System; Unmanned Aerial System; Unmanned Air System

UAV Unmanned Aerial Vehicle; Unmanned Air Vehicle

UBA Underwater Breathing Apparatus

UCAR Unmanned Combat Armed Rotorcraft; Unmanned Combat Aerial Rotorcraft

UCARS UAV Common Automated Recovery System

UCAS Unmanned Combat Air System; Unmanned Combat Aerial System

UCAS-D Unmanned Combat Air System Demonstration (*ca* 2012)

UCAV Unmanned Combat Aerial Vehicle; Uninhabited Combat Aerial Vehicle *["really!"]*

UCAV-N Unmanned Combat Aerial Vehicle - Navy

UCAX Urban Combined Arms Exercise (USMC)

UCCA Unified Computing and Communications Architecture

UCIIR/SAL Uncooled Imaging Infrared/Semi-Active Laser

UCIM Universal Communication Interface Module

UCLASS Unmanned Carrier-Launched Airborne Surveillance and Strike (system)

UCN/IEW Upgraded Communication/Navigation/Integrated Electronic Warfare

UCP Universal Communications Processor

UCS Unified Command Suite

UCT UnCorrelated Target; Undergraduate Cyber Training

UDDI Universal Description, Discovery and Integration (e.g., Internet Protocol standard)

UDF User Data File

UDOP User-Defined Operational Picture

UDP Universal Datagram Protocol; User Datagram Protocol

UDS Universal Drone System; UAV Delivered Sensor (*e.g.*, RMWS)

UDV User Datagram Protocol (*e.g*., network transmitting protocol)

UE Unintentional Emission; Unit of Employment (Army)

UEJ Unattended Expendable Jammer

UELS Unintentional Emitter Locating System

UERE User Equivalent Range Error (*e.g.*, in a positioning system)

UEU Universal-Exciter Upgrade (kit for EA-6B)

UEWR Upgraded Early Warning Radar

UFMOP Unintentional Frequency Modulation on Pulse

UFO UHFHF Follow-on (satellite); Unidentified Flying Object

UFP Unit Flyaway Price

UGCV Unmanned Ground Combat Vehicle

UGR UnderGround Radio (*e.g.*, for communications between surface and underground mines, subway, etc...)

UGS Unattended Ground Sensor (system)

UGV Unmanned Ground Vehicle

UGVTEE Unmanned Ground Vehicle Technology Enhancement and Exploitation

UHAC Ultra Heavy-lift Amphibious Connector (*e.g*., amphibious vehicle "of the future," prototype *ca* 2014 designed to traverse any terrain including mud flats)

UHF Ultra-High Frequency (0.3 to 3.0 GHz)

UHFSC Ultra-High Frequency Satellite Communications

UHR Ultra-High Resolution (*e.g.*, Synthetic Aperture Radar)

UHST Unit Hub Satellite (communications) Truck

UHTC Ultra-High Temperature Ceramic

UIC Unit Identification Code

UID Unique Identifier; Unique Identification

UISS Unmanned Influence Sweep System (*e.g*., standoff system to counter influence/magnetic mines)

UKAMS U.K. Air Missile System

UKCEC U.K. Co-operative Engagement Capability

ULCANS Ultra Lightweight Camouflage Net System

ULCAS Ultra-Lightweight Camouflage System (for armored vehicles)

ULCS Unit Level Circuit Switch

ULF Ultra Low Frequency (less than 3 Hz)

ULP Ultra-Low Power (*e.g.*, semiconductor chip)

ULPBSCS Ultra-Low Power Battlefield Sensor Communication System (DoD Program *ca* 2005)

ULSA Ultra-Low Sidelobe Antenna

ULSI Ultra Large Scale Integrated Circuits

ULTRA Unit-Level Training Research Application; Universal Language for Typographic Reproduction Applications

UM Unscheduled Maintenance; Unintentional Modulation; Universal <u>Modem</u>

UMFO Undergraduate Military Flight Officer

UMM Universal Modular Mast

UMOP Unintentional Modulation on Pulse

U-MOSP <u>U</u><u>AV</u> Multi-mission Optronic Stabilized Payload

UMS Unattended **MASINT** Sensor [Renamed Advanced Remote Ground Unattended Sensor (<u>ARGUS</u>), *circa* 2001]

UMT Universal Munitions Trailer

UMTE UnManned Threat Emitter

UMTS Universal Mobile Telecommunication System

UMTV Unique Modulated TV

UMV UnManned Vehicle; Unmanned Maritime Vehicle

UNC Universal Naming Convention. (This is the standard for naming network drives)

UNCD Ultrnanocrystalline Diamond (*e.g.*, diamond grown on film for RF resonators)

UNCLAS Unclassified

UNCLOS UN Convention on the Law of the Sea (1982)

UNDEX Underwater Explosion

UNE User Navigation Error (*e.g.*, in a positioning system)

UNIFIL United Nations Interim Force In Lebanon (*ca* 2007)

UNISIPS Unified Sonar Image Processing System

UNK Unknown

UNPROFOR United Nations Protection Force

UNREP Underway Replenishment

UNSA Unmanned Naval Strike Aircraft

UO Urban Operations

UOC Unit Operations Center (USMC)

UOES User Operational Evaluation System

UOLS Underwater Object Location and Search

UONS Urgent Operational Needs Statement

UOR Urgent Operational Requirement

UPC Uplink Power Controller (*e.g.*, satellites); Unique Planning Component (*e.g.*, of the Joint Mission Planning System); Unconventional Pathogens Countermeasures (*e.g.*, DARPA program ca 2005)

UPS Uninterruptible Power Supply

UPT Universal Personal Telecommunications

URAV Unmanned Reconnaissance Aerial Vehicle; Uninhabited Reconnaissance Aerial Vehicle

URBOT Urban Robot

URC Underwater Reconnaissance Capability (program)

URES Ultra-Reliable Electronic System

URG Underway Replenishment Group

URI Uniform Resource Identifier

URITS EUropean Rangeless Interim Training System; USAFE Rangeless Instrumentation System

URL Universal Resource Locator

URN Unsynchronized Random Noise

US-VISIT United States Visitor and Immigrant Status Indicator Technology

(program, *ca* 2004)

USAFE United States Air Forces in Europe

USAFSIA U.S. Air Force Special Investigations Academy

USAP Unacknowledged Secret Access Project; Underwater Acoustics Signal Processing

USB Upper SideBand; Upper Surface Blowing (wing design); Universal Signal Bus; Under Sea Battlespace

US-CERT U.S. Computer Emergency Readiness Team

USCS US Cryptologic Service (Now USSS)

USDES U.S. Data Exploitation System

USE Undersea Enterprise (USN); User Support Equipment

USEL Unit Supply and Equipment Listing (USMC)

USG U.S. Government

USI Ultra-Spectral Imagery

USIGS United States Imagery and Geospatial Information Systems Architecture

USM Submarine-launched Missile

USMMA U.S. Merchant Marine Academy

USN United States Navy (View logo for USN)

USOC Universal Service Order Code (*e.g.*, for telephone jacks: RJ - Registered Jack; C - flush or surface mount jack; W - Wall mount Jack; X - complex multi-line or series type jack)

USPL Ultra-Short Pulse Laser

USSOCOM U.S. Special Operations Command

USSPACECOM U. S. Space Command (View the USSPACECOM logo)

USSS United States SIGINT System (Formerly USCS)

USSV-HTF Unmanned Sea Surface Vehicle - High Tow Force

USTS **UHF** Satellite Terminal System

USU Uniformed Services University

USV Unmanned Surface Vehicle (Navy)

US-VISIT United States Visitor and Immigrant Status Indicator Technology (program, *ca* 2004)

USW UnderSea Warfare (formerly ASW)

UTC Universal Time Coordinated; Coordinated Universal Time

UTD Unmanned Terrain Domination

UTE Universal Terminal Emulator

UTF **UNDEX** Test Facility

UTM Universal TransMercator; Universal Translation Module (employed to couple electromagnetic spectrum [EMS] systems)

UTRA **UMTS** Terrestrial Radio Access

UTS Universal Test Set

UUT Unit Under Test

UUV Unmanned Underwater Vehicle

UV Ultraviolet; Underwater Vehicle; Unified Vision

UV 01 Unified Vision 2001

UVM Underwater Viewing Module

UVVIS Ultraviolet Visual (*e.g.*, camera)

UW Urban Warrior; Unconventional Warfare (*e.g.*, special operations)

UWB Ultra-Wideband

UWBSAR Ultra Wideband Synthetic Aperture Radar

UWIED Underwater Improvised Explosive Device

UWSH Underwater Ships Husbandry

UXO Unexploded Ordnance

V

V-NTDS Virtual Naval Tactical Data System

V-STF Vehicle Storage and Transportation Frame (also VSTF)

V2S Voice to Skull (device)

V/L Vulnerability/Lethality

V/STOL Vertical/Short Take-off and Landing. See VSTOL

VAA Vehicle Adapter Amplifier

VAATE Versatile Affordable Advanced Turbine Engine (program *ca* 2006)

VAC Voice Activity Detection; Vacuum

VACIS Vehicle And Cargo Inspection Station (to scan for weapons, explosives and other contraband)

VAD Vulnerability Assessment Device

VADS Vehicle Active Defense System

VAES Video Acquisition and Enhancement System; Video Acquisition and Exploitation System

VALUE VLF Ashore Lifetime Upkeep Effort (programs to extend the life of shore-based submarine communications transmitter systems)

VAN Value Added Network

VAQ Navy Tactical Electronic Warfare Squadron; Electronic Attack Squadron

VAS Voice-Activated System

VATOL Vertical Attitude TakeOff and Landing

VB Vertical Bomb

VBI Video Blanking Interval

VBIED Vehicle-borne Improvised Explosive Device (*e.g.*, suicide car bomb *circa* 2005)

VBR Variable Bit Rate

VBS Vector Background Subtraction; Virtual Battlespace

VBSS Visit, Board, Search and Seizure (*e.g.*, drug interdiction)

VC Virtual Circuit; Vietcong

VCA Viable Combat Avionics

VCANS Visually Coupled Attack and Navigation System

VCC Virtual Command Center; Visibly Controllable Computing

VCCTS Virtual Combat Convoy Trainer

VCEEC Virtual Combat Environment for Electronic Conflict (pronounced "vee-seek")

VCL Virtual Combat Laboratory (USAF)

VCO Voltage-Controlled Oscillator

VCOS VHSIC-Chips-On-Silicon

VCR Video Cassette Recorder

VCS Voice Communications System; Vehicle Control System

VCSDRAM Virtual Channel SDRAM

VCSEL Vertical Cavity Surface-Emitting Laser

VDC ViaSat Data Controller

VDD Vehicle Detection Device (used in vehicles in MILES exercises)

VDI Virtual Desktop Infrastructure (also referred to as Centralized Virtual Desktop, CVD)

VDS Variable Depth Sonar; Video Distribution System

VDSL Very High-Speed Digital Subscriber Line

VDT Video Display Terminal

VDU Video Display Unit

VDW Vehicle-Disabling Weapon

VE Value Engineering; Virtual Environment

VED Vacuum-Electronics Device (*e.g.*, vacuum tube); Virtual Electromagnetic Design

VEIL Video Encoded Invisible Light

VEMASID Vehicle Magnetic-Signature Duplicator (*e.g.*, land-mine spoofer to cause magnetic fuzes to prematurely actuate before an armored vehicle passes over the mine)

VERDIN Very Low Frequency Digital Information Network

VERTREP Vertical Replenishment (*e.g.,* from helicopters)

VERTS Virtual Emergency Response Training System

VES Vehicle Engagement System

VESL Voice-Encryption Scripting Language

VESUB Virtual Environment for Submarine (ship handling and piloting training)

VETRONICS Vehicle Electronics (Compare with AVIONICS)

VEWPRIK A set of Rules of Engagement (ROE): **Verbal warning; Exhibit weapon; Warning shot; Pepper spray; Riot control/rifle butt; Injure with fire (shoot to wound); Kill with fire**.

VEX Video Exploitation System (*e.g.*, UAV D-VEX *ca* 2013)

VF Fighter Squadron; Variable Frequency

VFA Strike Fighter Squadron

VFD Vacuum Fluorescent Display

VFM Value Focused Model (used in Air Force multi-attribute decision analyses)

VFO Variable Frequency Oscillator

VFR Visual Flight Rules

VG Virtual Government

VGART Variable Geometry Advanced Rotor Technology

VGAS Vertical Gun for Advanced Ships

VGPO Velocity Gate Pull-Off

VGS Velocity Gate Stealer

VGWO Velocity Gate Walk Off

VHD Very High Density

VHDL VHSIC Hardware Description Language; Very High Definition Language

VHESC Very High Efficiency Solar Cell (*e.g.*, DARPA program *ca* 2006)

VHF Very High Frequency (30 - 300 MHz)

VHSD Very High Speed Data

VHSIC Very High Speed Integrated Circuit

VIC Vehicle Intercom System

VICTORY Vehicular Integration for C⁴ISR/Electronic Warfare Interoperability (Army, *ca* 2013)

VID Visual Identification; Virtual Image Display; Vehicle Integrated Defense

VIDS Vehicle Integrated Defense System; Visually Integrated Display System

VIEWS Virtual Integrated Electronic Warfare Simulator

VIK Vehicle Integration Kit (*e.g.*, for voice and data communications among troops and vehicle personnel)

VINIR Visible Near Infrared

VIPeR Versatile Intelligent Portable elbit Robot (NOTE: "elbit" refers to Elbit Systems Limited, Haifa, Israel)

VIPER Vertical take-off and landing Integrated Platform for Extended Range; Virtual Image Presentation, Exploitation and Roam; Vectored Infrared Personnel Engagement & Return fire (IR sniper detection system)

VIPERS Vertical Integrated Planning and Execution Resource System

VIRCATOR Virtual-Cathode Oscillator

VIRL Visible and Infrared **LIDAR**

VIRTE Virtual Technologies and Environments (*e.g.*, ONR program *ca* 2006)

VIS Vertical Incidence Sounder; Visible Band (radiation)

Vis-STAR Vision-based Software for Track, Attitude and Ranging

VISA Voluntary Intermodal Sealift Agreement (program); Vertically Integrated Sensor Array (*e.g.*, used in IR sensors)

VISIT Virtual Interactive Shipboard Instructional Tour (*e.g.*, submarines); Visitor and Immigration Status Indicator Technology (U.S.)

Vis-STAR Vision-based Software for Track, Attitude and Ranging

VISTA Very Intelligent Surveillance and Target Acquisition; Vertical/horizontal Integration of Space Technologies and Applications

ViViD Voice, Video and Data (U.S. Navy program)

V/L Vulnerability/Lethality

VLA Vertical Launch A**SROC** (View the VLA Program logo); Vertical Launch Antisubmarine

VLAD Vertical Line Array **DIFAR**

VLC Very Low Cost (*e.g.*, "VLC UAV"); Variable Length Code (*e.g.*, signal transmission)

VLCC Very Large Crude Carrier; Very Large Crude-oil Carrier

VLDS Very Large Data Store

VLES Variable-Length Execution Sets (computer code)

VLF Very Low Frequency (3 - 30 kHz)

VLI Variable Light Illuminator

VLIW Very Long Instruction Word (computers)

VLLAD Very Low-Level Air Defence (New Zealand)

VLO Very Low Observable

VLPA Vertical Log-Periodic Antenna

VLS Vertical Launch System (*e.g.*, from ships and submarines)

VLSI Very Large Scale Integration

VLSIC Very Large Scale Integrated Circuit

VLSS Visible Light Surveillance Sensor

VLWR Very Long Wavelength Infrared

VMAP Vector (smart) MAP

VMAQ Marine Tactical Electronic Warfare Squadron

Vmax (Not an acronym; a term describing a new low-cost process for fabricating thin and thick section polymer composites)

VMD   Video Motion Detection (*e.g.*, in a security system)

VME Versa-Modular European (bus); Versa Module Eurocard

VMF Variable Message Format

VMMD Vehicle Mounted Mine Detector

VMOC Virtual Mission Operations Center (DoD)

VMTS Virtual Mission Training System (USN)

VMS Vehicle Management System (flight control); Voyage Management System; Vessel Monitoring System

VNA Vector Network Analyzer

VoB Voice over Broadband

VOC Volatile Organic Compound

VOD Vertical Onboard Delivery; Video On Demand

VoIP Voice over Internet Protocol (also VOIP)

VOR VHF Omni-direct Radio-range HF Omni-direct Radio-range; Visual Omni Range; VHF Omnidirectional Range

VORTAC VOR Tactical Air Navigation Aid

VOSA VETRONICS Open System Architecture

VPB Vacuum Power Booster

VPF Vector Product Format (digital mapping)

VPG Virtual Proving Ground

VPLGR Vehicular Precision Lightweight GPSPS Receiver

VPN Virtual Private Network; Vietnamese People's Navy

VPPA Variable Polarity Plasma Arc (welding technique)

VQ Navy multi-engine aircraft squadron employed in electronic surveillance or TACAMO operations

VR Virtual Reality (simulation)

VRAM Video Random Access Memory

VRPN Virtual Reality Peripheral Network

VRS Virtual Receiving Station; **VTOL** Recovery and Surveillance; Vertex Ring State (*e.g.*, aerodynamic condition)

VRT Voice Response Translator (USMC - claimed ability to store phrases in up to 200 languages, ca 2009)

VS VETRONICS System

VSA Vector Signal Analysis (*e.g.*, software)

VSAT Very Small Aperture Terminal

VSCS Voice-Switching and Control System

VSD Vertical Situation Display

VSDU Vertical Situation Display Upgrade (B-1 upgrade ca 2012)

VSE Virtual Storage Extended; Virtual Secure Enclave (*e.g.*, cyber protection)

VSHORAD Very SHORt RAnge Defense

VSHORADS Very Short Range Air Defence System (U.K.)

VSR Volume Search Radar

VSRAD Very Short Range Air Defense

VSS Vertical Seeking Subsystem (a/c seat ejection); Vessel Stopper System

VSTF Vehicle Storage and Transportation Frame (for vehicles, such as the HUMVEE)

V-STF Vehicle Storage and Transportation Frame (also VSTF)

VSTOL Vertical and Short Take-Off and Landing

VSW Very Shallow Water (mine detection) [10 - 40 feet]

VSWAUV Very Shallow Water Autonomous Underwater Vehicle

VSW/MCM Very Shallow Water Mine CounterMeasures

VSWR Voltage Standing Wave Ratio

VT Video Terminal; Variable Time

VTC Video TeleConferencing; Video Teleconference

VTDP Vectored Thrust Ducted Propeller (*e.g.*, VTDP COMPOUND HELICOPTER)

VTE Virtual Test Environment

VTLM *Veicolo Tattico Leggero Multiruolo* (Italian multi-role tactical vehicle)

VTMIS Vessel Traffic Management Information System (USCG - Part of PAWSS)

VTOL Vertical Take-Off and Landing

VTP Validation Test Plan

VTR Virtual TEst Range

VTS Vessel Traffic Service (*e.g.*, USCG); Vessel Traffic System (*e.g.*, "VTS ports")

VTUAV Vertical Take-off Unmanned Aerial Vehicle; Vertical take-off-and-landing Tactical Unmanned Aerial Vehicle; Vertical Takeoff-and-landing Unmanned Aerial Vehicle; Vertical take-off Tactical Unmanned Aerial Vehicle

VUAV Vertical-launch Unmanned Aerial Vehicle; Vertical Unmanned Aerial Vehicle

VUCA Volatility, Uncertainty, Complexity and Ambiguity

VV&A Verification, Validation & Accreditation

VVRS Variable Velocity Rifle System

VXI VME Bus Extensions for Instrumentation