

# *Acronyms and Abbreviations*

*Researched and compiled by Joe Cyr ([www.joe-cyr.com](http://www.joe-cyr.com))*

## **W**

W&S Wisdom and Sense (Intrusion Detection System)

W&T Warning & Targeting

W/T Wireless Telegraphy; WaterTight

W2COG World Wide Consortium for the Grid

W<sup>3</sup> World Wide Web (more commonly referred to as WWW)

W<sup>3</sup>C World Wide Web Consortium

W4W Wireless for the Warfighter (*e.g.*, communications system)

WAA Wide Aperture Array (*e.g.*, sonar)

WAAS Wide Area Augmentation System (GPS-related)

WAATS Wide Area Assured Transport Service

WAC Women's Army Corps (*circa* WW II). See also SPAR, WAVES.

WACS White Alice Communications System

WADS Wide Area Data Service

WAE Wargaming the Asymmetric Environment; Wargaming in the Asymmetric Environment

WAGE Wide Area GPS Enhancement

WALDO Wireless And Large-scale Distributed Operations (system *ca* 2012)

WAM Wide Area Munition; Wide-Area Mine; Wrist-Activated Monitor

WAMI Wide-Area Motion Imagery (*ca* 2012)

WAN Wireless Area Network

WAN Wide Area Network

WANDA Wrasse-inspired Agile Near-shore Deformable-fin Automaton  
(NOTE: Wrasse is a family of fish, many brightly-colored)

WANN Wireless Adaptable Network Node

WAP Wireless Application Protocol; Wireless Access Protocol

WAR Weekly Activity Report

WARC World Administrative Radio Conferences

WARM Wartime Reserve Mode ; Weapons Assignment and Resource Management

WARN Wireless Accelerated Responder Network (public safety network *ca* 2004)

WARNET Warrior Network (USMC); Wireless Area Network; Wide Area Relay Network

WARNO Warning Order (U.S., Army; NATO)

WARP Weather And Radar Processor (*e.g.*, NASA)

WAS War-At-Sea; Wide Area Surveillance; Wide Area Search

WASP Weasel Attack Signal Processor; Wide Area Service Provision (U.K.)

WATC West African Training Cruise

WATCH IT Wide Area All Terrain Change Indication Technologies

WATES Weapons and Targeting Expert System (U.S. Army program)

WATS Wide Area Tracking System

WaveLAN Wireless (Ethernet) Local Area Network

WAVES Women Accepted for Voluntary Emergency Service (U.S. Navy, *circa* WW II). See also SPAR, WAC.

WAWS Washington Area Wideband System

WB Wide Band

WBIF Wide-Band Intermediate Frequency

WBGs-RF Wide Bandgap Semiconductor for Radio Frequency [applications]

WBL Wide Band Limiting

WBS Work Breakdown Structure; WideBand Superheterodyne; Wide Bandgap Semiconductor

WBW Waveform BandWidth

WCCS Wireless Crew Communication System

WCDMA Wideband Code-Division Multiple Access

WCMD Wind-Corrected Munitions Dispenser

WCS Weapon Control System; Wireless Communications Services; Weapons Control Status

WCSIP Wing-Center-Section Inboard Panel

WDL Waveform Description Language (U.K.); Weapon Data Link (*e.g.*, for the SLAM)

WDLN Weapon Data Link Network (USAF)

WDM Wavelength Division Multiplexing

WEAPS Weapons Effects Analysis And Probability System (USAF)

WEAX Weather

WEBS Warrior Extended Battlespace Sensors

WEBTAS Web-enabled Temporal Analysis System

WECAN Web-Centric ASW Network

WECDIS Warship Electronic Chart Display and Information System

WEEE Waste from Electrical and Electronic Equipment; Waste Electrical and Electronic Equipment (European Union)

WEEMC Web-Enabled Execution Management Capability

WEP Wireless Equivalent Privacy; Wired Equivalency Protocol

WES Web-Enabled Navy

WEU Western European Union

WfF Warfighting Formu

WFQ Weighted Fair Queuing (Packet queuing)

WFOV Wide Field of View

WGM Whispering Gallery Mode (optical resonator)

WGS Wideband Gapfiller Satellite (program); Wideband Global SATCOM; Wideband Global Satellite

WHASA White House Army Signal Agency

WHAT Warning-Homing-Avoidance-Targeting

WHCA White House Communications Agency

WHMO White House Military Office

WIA Wearable Internet Appliance

WICS Wireless Internal Communications System (*e.g.*, for shipboard use); Wireless Intercommunications System

WiFi ultrawideband, fourth-generation, local mesh (network) [ Also Wi-Fi, or wifi, Wifi, for Wireless Fidelity ]

WIDS Wireless Network Intrusion Detection; Wireless Intrusion Detection System

WIG Wing-in-Ground [effect]

WILCO A radiotelephone procedure code word which stands for "Will Comply", usually in response to an order from senior authority. The companion code work "Roger" simply means "message received and understood."

WiMax Worldwide interoperability for Microwave Access

WIN WWMCCS Intercomputer Network; Warfighter Information Network

WIN-T Warfighter Information Network - Terrestrial; Warfighter Information Network - Tactical

WINDS Weather INformation Display System

WING Wireless INternet Gateway

WINGS Warning & Intelligence Gathering Sensors

WINSOCK WINdows SOCKet (software application program interface)

WIN-T Warfighter Information Network - Terrestrial; Warfighter Information Network - Tactical

WINTSEC Wireless Interoperability for Security

WIP Work In Process

WIPP Waste Isolation Pilot Plant (nuclear)

WIRE Wearable Intelligent Recording Environment (*e.g.*, throat microphone and PDA-like computer to record an individual's observations)

WIS WWMCCS Information System

WISE Wide-field Infrared Survey Explorer (NASA)

WISER Wireless Information System for Emergency Responders (National Institutes of Health - *ca* 2007)

WISP Wireless Internet Service Provider

WISSARD "What IF" Simulation System for Aviation Research & Development

WIT Wireless Interworking Testbed (Army); Weapons Intelligence Team

WITS Wireless Information Transfer System

WIZARD Wideband Zapping Anti-Radar Decoy (Israel)

WLAN Wireless Local-Area Network

WLCTT Weapons Launch Console Team Trainer (submarine)

WLD Wideband Long Distance (AUTODIN line)

WLGH Weapon-Launched Grapnel Hook (for clearing land mines by dragging the grapnel to hook trip-wires)

WLL Wireless Local Loop (France)

WLMP Wholesale Logistics Modernization Program (Army)

WL/V Weapon Lethality/Vulnerability

WMA Warfare Mission Area

WMD Weapon of Mass Destruction

WMD-CST Weapons of Mass Destruction Civil Support Team

WME Weapon of Mass Effect

WML Worldwide Military Link; Wireless Markup Language

WMP War Mobilization Plan

WMS Warehouse Management System

WMSL [ designation for USCG *Maritime Security Cutter, Large* ] (planned replacement for the National Security Cutter in 2007 timeframe)

WNaN Wireless Network after Next (*e.g.*, program *ca* 2006) [ also WNAN [

WNR Wideband Network Radio (Compare with WRN)

WNW Wideband Networking Waveform; Wideband Network Waveform

WORM Write Once Read Many [times] (Refers to optical disks)

WOT War On Terrorism

WOWT Wearable One Way Transfer (device *ca* 2012)

WP Way Point; Word Processor; Wattenberg Plow (land-mine clearing)

WPA Wireless Protected Access (replaces WEP in small offices and home routers)

WPC Warrior Preparation Center

WPS Wireless Priority Service

WPSM Warfighter Physiological Status Monitoring

WPT Wireless Power Transmission

WPTH Wave Piercing Tumblehome

WRA Weapon Replaceable Assembly; Weapon Repairable Assembly

WRAP Warfighting Acquisition Program

WRB Warfare Requirements Board

WRED Weighted Random Early Discard (Packet discard)

WRF Waveform Repetition Frequency

WRL Weapon Release Line

WRN Wideband Radio Networking (Compare with WNR)

WS Work Station; Weapon Subsystem (for the "Electronically-Enhanced Soldier"); Web Services; Warning Status

W&S Wisdom and Sense (Intrusion Detection System)

WSA Warfare Systems Architecture; Weapon Storage Area

WSA&E Warfare Systems Architecture and Engineering

WSB Wide Sweep Backscatter

WSDA Weapon System Design Authorities (U.K.)

WSDL Web Services Description Language

WSI Warfare Systems Integration

WSMC Western Space Missile Center

WSO Weapons Systems Officer (to ultimately replace ESO)

WSOA Weapon System Open Architecture

WSS Waterside Security System

WSSR Weapons Support Systems Rig (U.K.)

WST Weapons Systems Trainer; Weapons Systems Technologies

WT Wavelet Transform

WTA Warfighter's Tactical Associate

WTE Wide Web (telephony) Engine

WTI Weapons and Tactics Instructor (USMC)

WTO Warfare Task Objective

WTSR Warfighter's Tactical SIGINT Resource

WTU Wingtip Unit (*e.g.*, component of aircraft EW system)

WVR Within Visual Range (as opposed to BVR)

WVRAAM Within-Visual-Range Air-to-Air Missile

WW Wild Weasel (also W/W)

WWABNCP Worldwide Airborne Command Post

WWMCCS Worldwide Military Command and Control System

WWS WIS Workstation

WWSVCS Word Wide Secure Voice Conferencing System

WWT World Wide Telescope (*e.g.*, A virtual telescope assembling imagery from ground and space-based telescopes)

WWW World Wide Web

WX Weather

WYSIWIS What You See Is What I See (teleconferencing)

WYSIWYG What You See Is What You Get (Screen display is same as printed report)

**X**



X Substitution for "trans" in abbreviations of words such as "transmitter" (XMTR), "transformer" (XFMR),...; may also stand for "Experimental"; X-Code (Military Link 11 transmission codes)

X.12 EDI Protocol

X.25 Packet Switching Protocol

X.400 Electronic Mail

X.500 Directory Service

XBT Expendable Bathythermograph

XCCDF Extensible Checklist Configuration Description Format (*e.g.*, part of SCAP)

XDM eXploratory Development Model

XDR Extended Data Rate (*e.g.*, multiple bandwidth communications waveforms)

xDSL Specialized Digital Subscriber Line

X-EYE Cross-Eye (jamming)

XFC Experimental Fuel Cell (Navy ca 2009)

XFMR Transformer

XG neXt Generation

XGA eXtended Graphics Array (*e.g.*, for the Common Operational Picture - COP)

XLOC Express L Order Circuit

XMHTML Extended Hypertext Markup Language

XMIT Transmit

XML eXtensible Markup Language

XMTR Transmitter

XPOL Cross POLarization (jamming); also X-POL

XSEDE Extreme Science and Engineering Discovery Environment (*e.g.*, research on access to a global network of supercomputers directly from desktops)

XSS Experimental Spacecraft System (USAF *e.g.*, XSS-11, ca 2004))

XTAL Crystal

XTAR-EUR (U.S. Army X-Band communications satellite)

XUV eXperimental Unmanned Vehicle

## Y

Y2K Year 2000 (relates to software problem relating to 2-digit year date formats)

YAG Yttrium Aluminum Garnet

Yak *Yakovlev* (Soviet aircraft manufacturer)

YBCO Yttrium Barium Copper Oxide (used to coat next-generation wires [ 2002 ])

YIG Yttrium Iron Garnet

YRP Yongan Relocation Program [Land Partnership Program – LPP] (Korea) (Consolidation of U.S. forces into two major hubs more distant from the Seoul metropolitan area, *ca* 2013)

## Z

Z Z-Codes (Military and commercial radio codes)

z-score In statistics, the measure between a given measurement  $x$  and the mean, expressed in standard deviations. (Note: if the frequency distribution is mound-shaped, *e.g.*, a Normal or Beta distribution, the following interpretation of the z-score can be given: approximately 68% of the measurements will have a z-score between -1 and +1; approximately 95% of the measurements will have a z-score between -1 and +2; and approximately 99.7% of the measurements will have a z-score between -3 and +3. A z-score less than -3 or

larger than +3 is a highly-suspected outlier.)

ZANDA Zero Administration Network Distribution Agent

ZD Zero Defects

ZEL ZERo length Launch

ZEOP "Z" Electro-Optical Payload

ZFC Zero Failure Criteria

ZG Zero Gravity

ZIA Zero-Interaction Authentication

ZIF Zero Insertion Force (connector); Zero Intermediate Frequency

ZIP Zinc Impurity Photodetector; Zigzag In-Line Package (RAM chip)

Zip-Lip Communications minimized

zKW Zero Kilowatt