

# *Acronyms and Abbreviations*

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## **B**

B2B Business to Business (Internet sites)

B2C Business to Consumer (Internet sites); "Bravo to Sea" (*e.g.*, proof of concept for rotary-wing operational organization, *ca* 2004)

B-DCMA Broadband Code Division Multiple Access

BAA Broad Agency Announcement

BAAAD Bottom Attack Anti Armor Device

BACN Battlefield Airborne Communications Node (*e.g.*, linking of legacy radios with ISR systems)

BADD Battlefield Awareness and Data Dissemination

BAFO Best and Final Offer (Contractor Proposal)

BAI Battlefield Air Interdiction (*e.g.*, A-10 mission)

BALLUTE Balloon + Parachute

BALNET Baltic (countries) Network (air-surveillance network)

BALUN Balanced to Unbalanced

BAM Broad Area Maritime (surveillance program); Baseline Assessment Memorandum; Brilliant Antiarmor Munition; *Buque de Accion Maritima* (class of Spanish off-shore patrol vessels)

BAMS Broad Area Maritime Surveillance (*e.g.*, long-dwell standoff ISR system or capability); Bioaerosol Mass Spectrometry (system)

BAMS-D Broad Area Maritime Surveillance - Demonstrator

BAMS UAS Broad Area Maritime Surveillance Unmanned Aircraft System

BARCAP Barrier Combat Air Patrol

BASES Beam Approach Seeker Evaluation System

BASIC Beginner's All-Purpose Symbolic Instruction Code; Body Armor Set, Individual Countermine

BASS™ Bulk Avalanche Semiconductor Switch (patented by Power Spectra Inc.)

BASSIC Basing and Ship Stability Integration Center

BAT Battery; Brilliant Anti-Tank (submunition); Biometrics Automated Toolset (U.S. Army Intelligence)

BATES Battlefield Artillery Target Engagement System

BATMAN Battle Manager

BATMAV Battlefield Air Tactical Micro Air Vehicle

BATT Battery (Artillery); Battalion

Baud Baudot (Emile - creator of the Baudot teletype Code in the late 19th century)

BAW Bulk Acoustic Wave

BAWS Biological Aerosol Warning System

BB Battleship; Base Band; Broadband; Bottom Bounce (also BTMB)

BBBG Battleship Battle Group

BBP Better Buying Power (DoD initiative *ca* 2013)

BBS Bulletin Board System; BaseBand Switch (program)

BC Basic Component; Battle Command (*e.g.*, as in "BC software")

BC<sup>2</sup> Battlespace Command and Control

BC<sup>2</sup>A Bosnia Command and Control Augmentation (1999)

BCA Broadcast Control Authority

BCAA Buoyant Cable Array Antenna

BCD Binary Coded Decimal

BCDSS Battle Command Decision Support System

BCE Baseline Cost Estimate

BCI Brain-Computer Interface

BCIS Battlefield Combat Identification System

BCR Battle Command Reengineering

BCS Buoy Camera System; Broadcast Control Site; Battle Control System

BCSE Battle Command, Simulation and Experimentation

BCS-F Battle Control System - Fixed

BCT Battalion Combat Team (*e.g.*, Israel Defense Forces); Brigade Combat Team (U.S. Army)

BCV Battlefield Command Vehicle

BDA Battle Damage Assessment; Bomb Damage Assessment

BDAR Battle Damage Assessment and Repair

BDC Batch Data Communications

B-DCMA Broadband Code Division Multiple Access  
BDCS Below Deck Communications System

BDII Battle Damage Indication Imagery

BDM Bunker Defeat Munition

BDRVT Bi-Directional Remote Video Terminal

BDS Battlefield Data Systems; Brief/Debrief System (USMC)

BDS-D Battlefield Distributed Simulation-Developmental (Army Program)

BDU Bomb Dummy Unit (practice bomb); Battle Dress Uniform (*e.g.*, **GHILLIE SUIT**, body armor)

BE Brilliant Eyes (Military Space program)

Be Beriev (Soviet aircraft manufacturer)

BEAM Bandwidth-Efficient Advance Modulation

BECC Biometric Enterprise Core Capability (NGA)

BECCE Basic Engineering Casualty Control Exercise (USN)

BeCON Backup emergency COmmunications Network

BEES Basic Electronic Environment Simulator

BEI Background Environment Information (database)

BEMT Basic Electronic Maintenance Training

BER Bit Error Rate; Bit Error Ratio

BETA Battlefield Exploitation and Target Acquisition

BEWT BFTT Electronic Warfare Trainer; Battle force Electronic Warfare Trainer

BF Battle Force; Back-Feed

BFA Blank Firing Attachment (promotes realism for soldiers firing in MILES exercises)

BFC Battle Force Capable [ship]

BFCFSO Biometrics Family of Capabilities for Full Spectrum Operations

BFE Blacker Front End

BFEA Blue Force Electronic Attack

BFIT Battle Force In-port Training

BFMOP Binary Phase Modulation On Pulse (*i.e.*, “Barker code”)

BFO Beat Frequency Oscillator

BFT Blue Force Tracking; Battle Force Tracking (of Blue forces)

BFTT Battle Force Tactical Trainer, Battle Force Tactical Training

BFV Bradley Fighting Vehicle

BFVS Bradley Fighting Vehicle System

BG Battle Group

BGAN Broadband Global Area Network

BGCNDSP Bowling Green Computer Network Defense Service Provider  
(*e.g.*, 24/7 intrusion analysis service)

BGIT Battle Group Interopability Testing; Battle Group Integration Test

BGP Border Gateway Protocol

BGPHERS Battle Group Passive Horizon Extension System ("Big Feet")

BGV Boost Glide Vehicle

Bi-SCAIS Bi-Strategic Command Automatic Information System (NATO)

BIA Bomb Impact Assessment

BIC Blacker Ignition Key; Battle (Group) Innovation Cell (Navy unit-level project evaluation group)

BICEP Battlespace Integrated Concept Emulation Program

BICES Battlefield Information Collection and Exploitation System

BICOMS Bistatic COherent Measurement System

BIDS Biological Integrated Detection System

BIFF Battlefield Identification Friend or Foe

BIGSTAF *Breitbandige Integrierte Gefechtsstandfernmeldnetz* (Broadband integrated command post communications network)

BIICS Baseline Integrated Infantry Combat System (infantryman outfitting)

BILL Beacon Illuminator Laser (A high-powered solid-state laser, part of the ABL)

BIMAC Bistable Magnetic Core

BioSwimmer An autonomous underwater vehicle (AUV) built to resemble a tuna fish. (*ca* 2013)

BIORADAR BIological RADAR

Bio-ALIRT Bio-Event Advanced Leading Indicator Recognition Technology  
(*e.g.*, DARPA program *ca* 2003)

BIP Blow In Place (*e.g.*, to explode UXOs where found)

Bi-SCAIS Bi-Strategic Command Automatic Information System (NATO)

BIS Broadcast Information System

BISA Biometric Identification System for Access

BISDN Broadband Integrated Services Digital Network

BIST Built-In Self Test

BIT Built-in-Test; Binary Digit; Broadband Information Technology

BITE Built-in-Test Equipment

BITG Built-In Tracking Generator

BITS Basic Information Transfer System; Battlefield Information Transmission System

BJT Bipolar Junction Transistor [ one of two distinct families of transistors, the other being field-effect transistor (FET) ]

BL Base Line

BLADE Behavioral Learning for Adaptive Electronic Warfare (DARPA program *ca* 2012 relates to algorithms for use in unmanned platforms)

BLAM Barrel-Launched Adaptive Munition ("Smart" bullet)

BLIS Buried Line Intrusion Sensor

BLNS Breached Lane Navigation System

BLOB Binary Large Object (data element type)

BLOG weB LOG (A web log is a collection of regular journal-like entries with links and commentary.)

BLOS Beyond Line-of-Sight

BLOSSOMS Blended Learning Open Source Science or Math Studies (*ca* 2010)

BLT Battalion Landing Team

BLU Bomb Live Unit

BM Battle Manager

BMAN Broadband Metropolitan Area Network

BMC<sup>2</sup> Battle Management Command, Control

BMC<sup>3</sup> Battle Management Command, Control, and Communications

BM/C<sup>3</sup>I Battle Management/Command, Control, Communications and Intelligence

BM/C<sup>3</sup>ISR Battle Management/Command, Control, Communications, Intelligence, Surveillance and Reconnaissance

BMC<sup>4</sup>I Battle Management/Command, Control, Communications, Computers, and Intelligence

BMD Ballistic Missile Defense (Formerly GPALS)

BMDCM Ballistic Missile Defense Countermeasures

BMDO Ballistic Missile Defense Organization (Formerly SDIO)

BMDS Ballistic Missile Defense System

BMETS Battlefield METeorological System

BMEWS Ballistic Missile Early Warning System

BMIST Battlefield Medical Information System - Tactical

BMP (acronym for Russian armored personnel carrier)

BMS Battlefield Management System

BMS-ULCAS Barracuda MultiSpectral Ultra-Lightweight CAMouflage Screen

BMT Ballistic Missile Technology

BMUP Block Modification Upgrade Program

BNC Bayesian Network Classifier

BNLM Bounding Non-Lethal Munition

BO Boarding Officer

BOCC Building Operations Command Center (*e.g.*, for the Pentagon)

BOL A Swedish aircraft countermeasures dispenser system (for the Eurofighter and other aircraft). See also BOP; BOW; BOZ; Bearing Only Launch

BOLO "Be On the Lookout" (*e.g.*, for possible terrorist activity)

BOLT Broad Operational Language Translation (*e.g.*, understand, translate and receive informal communication - five-year DARPA program starting *ca* 2011)

BOMBBOT Bomb Robot - A four-wheeled robot (about the size of a shoebox) made from off-the-shelf parts, used by U.S. forces in Iraq (*ca* 2006)

BONE B-One Next Enhancement

BOP (*e.g.*, Swedish) equipment designation for CHAFF and flare dispensers. See also BOL; BOW; BOZ

BOS Battlefield Operating System

BOSS Bio-Optic Synthetic System; Battle Operations Support System

BOST Basic Operational Sea Training (U.K.)

BOW (*e.g.*, Swedish) equipment designation for radar warning receivers (RWRs). See also BOL; BOP; BOZ

BOZ (*e.g.*, Swedish) equipment designation for CHAFF and flare dispensers. See also BOL; BOP; BOW

BPA Blanket Purchasing Agreement

BPAUV Battlespace Preparation Autonomous Underwater Vehicle

BPC Biostatic Protective Clothing



BPDMS Basic Point Defense Missile System

BPEL Business Process Execution Language (*e.g.*, variant of XML)

BPEN Building Penetration (*e.g.*, radar)

BPIP Business Process Improvement Program (CIM term)

BPL Broadband over Power Lines

BPM Beam Propagation Method (fiber optics)

BPM-E Broadcast Power Monitor - Enhanced (*e.g.*, measures, monitors, & protects RF transmission systems)

BPMP Baseline Project Management Plan

BPR Business Process Re-engineering

BPRM Business Process Redesign Methodology (CIM term)

bps Bits per second

BPSK Binary Phase Shift Keying

BRAC Base Realignment and Closure (Commission)

BRDF Bidirectional Reflectance Distribution Function

BREATH BioRegenerative Exhaust Air Treatment for Health (*e.g.*, system to purify water and air by employing microbes)

BREW Binary Runtime Environment for Wireless

BRH Battlefield Reconnaissance Helicopter (U.K.)

BRI Briefing Room Interactive (interactive online briefing room)

BRIC Brazil, Russia, India and China

BRIGAND Bistatic Radar Intelligence Generation and Analysis Development

BRWL Bistatic Radar for Weapons Location

BS BackScatter

BSAS Battle Surveillance Airship System

BSC Binary Synchronous Communications

BSCAN Boundary SCAN (hardware specification)

BSCCO Bismuth-Strontium Compound (used to manufacture powder-based wires)

BSFIT Border Security Fencing, Infrastructure and Technology

BSIXS Battlecube Information Exchange System

BSM Business System Modernization (Defense Logistics Agency program *ca* 2003)

BSN Brigade Subscriber Node

BSOD Blue Screen of Death

BSP Bright Source Protection; Battle Space Profiler; Binary Space Partitioning

BSPI Biometrics in Support of Personnel Identity

BSR BackScatter Radar

BSRF Bell System Reference Frequency

BSS Blind Source Separation (algorithms to separate signals); BackScatter Sounder

BSTC Customs and Border Protection (U.S.)

BSTS Boost Surveillance and Tracking Satellite; Boost Surveillance and Tracking System

BSU Base Support Unit (USCG)

BT Bathythermograph (*e.g.*, device lowered in ocean to measure temperature *vs* depth)

BTA Business Transformation Agency (*e.g.*, to help DoD transform the way it does business, *ca* 2006)

BTF Biometrics Task Force

BTH Beyond The Horizon

BTI Balanced Technology Initiative

BTID Battlefield Target Identification Device (NATO); Battlefield Target Identification

BTL Backplane Transceiver Logic

BTM Boarding Team Member

BTMB Bottom Bounce (also BB)

BTN Battlefield Tactical Navigation

BTRON Business TRON

BTS Broadcast Transmitting Station

BUA Battle Update Assessment (*ca* 2005)

BUBL Broaching Universal Buoyant Launcher

BUDD Not an acronym, but an electro-optic device named after its developer

BUD/S Basic Underwater Demolition/SEAL

BUFF Brute Force (data) Fusion (program) (Army)

BUG-E Battle Universal Gateway Equipment

BUR Bottom Up Review; *Bodenuberwachungsradar* (German radar)

BURRO (or Burro) Broad area Unmanned Responsive Resupply Operations

BV Battlefield Visualization

BVC Blanket of Video Cameras (*e.g.*, interlocking surveillance camera coverage in a facility)

BVR Beyond Visual Range (as opposed to WVR)

BVRAAM Beyond Visual Range Air-to-Air Missile

BW Bandwidth; Biological Warfare

BWA Backward Wave Amplifier; Body Wearable Antenna (U.S. Army *ca* 2009)

BWE Bandwidth Extrapolation

BWO Backward Wave Oscillator

BYOD “Bring Your Own Device” (*e.g.*, use of employee-owned electronic devices for government work, extended to NATO forces *ca* 2012)

BZ "Bravo Zulu" - USN signal meaning "well-done" (formerly TVG) (View "Bravo Zulu" flags); Beach Zone

BZA Beach-Zone Array (explosive system)