

<b>G</b>			
<i>g</i>	acceleration of gravity (constant)	GCFR	gas-cooled fast reactor
G	Basic & Applied Geosciences Division, 2/77–10/81	GCM	general circulation model
G	gage	GCM	global climate model
G	graveyard shift (attendance code)	GC/MS	gas chromatograph/mass spectrometer
G	gravity	GCNM	Gas Company of New Mexico
G	(top secret restricted data code)	GCP	Groundwater Characterization Project
G	Weapons Physics Division, 8/44–10/45	GCR	gas-cooled reactor
G-21	group of 21 nonaligned nations in the Conference on Disarmament	GCR	gray component replacement/removal
GA	gas analysis	GCWR	gross combination weight rating
GA	General Atomic	<b>GD–GH</b>	
GA	gun-assembled	GD	governing document
G&A	general and administration/ive	GDB	genome database
GAAP	generally accepted accounting principles	GDC	general design criteria
GAAS	generally accepted auditing standards	GDI	graphics device interface (Windows)
GaAs	gallium arsenide	GDIP	General Defense Intelligence Program (DIA)
GAC	granular activated carbon	GDLS	General Dynamics Land Systems
GAC	groundwater activated carbon	GDMS	glow discharge mass spectrometry
GACT	granular activated carbon treatment	GDP	gaseous diffusion plant
GALLEX	gallium experiment (neutrinos, Italy)	GDP	gross domestic product
GAN	gas analysis	GDR	giant dipole resonance
GANE	Georgians against nuclear energy	GDRQ	general design requirement
GAMMA	Gamma Site (TA-27)	GDS	general declassification schedule
GAO	General Accounting Office	GDS	geometry definition system
GAO	goal achievement objective	GDSC	Geographic Data Service Center (BIA)
GAP	government accountability project	GE	General Electric (see also GEND)
GARDIAN	(GBL Point Defense System)	GEA	<i>Glossary of EPA Acronyms</i>
GAS	get away special	GEAC	(GEAC Advance library system; not an acronym)
GAT	Goodyear Atomic Corporation	GED	general educational development (certificate)/equivalency diploma
GB	glovebox	GEDI	guided, electromagnetically launched defensive interceptor
GBAS	glovebox assay system	GEI	geographic enforcement initiative
GBC	General Binding Company	GeLi	germanium lithium
GBCA	graphics-based control architecture	GEM	gamma, electron, and muon detector
GBDA	glovebox dry air	GEM	(National Consortium for Graduate Engineering Degrees for Minorities)
GBFEL	ground-based free-electron laser	GEMINI	LASL research laser (1977)
GBI	ground-based interceptor	GEMS	graphic exposure modeling system
GBL	government bill of lading	GEMS	<i>Guide to ES&amp;H Management Structure</i>
GBL	ground-based laser	GenBank	National Genetic Sequence Data Base
GBR	generate barcode update report	GEND	General Electric Neutron Devices (Pinellas, Florida)
GBS	ground-based (radar) system	G-ENDF	groupwise-ENDF
GBSA	graphics-based supervisory architecture	GEO	geosynchronous Earth orbit
GC	ganglion cell	GEODES	Geoscience Data Evaluation System
GC	Garratt-Callahan	GEONET	Ground-based Earth Observing Network
GC	gas chromatograph/chromatography	GEOWARN	global emergency observation and warning system (ISU/Huntsville AL)
GC	gas cooled	GEP	good engineering practice
GC	general counsel	GERDA	<i>Geradrohr Dampferzeuger Anlage</i> ; straight-tube steam generator
G/C	gas-to-cloth ratio	GERT	general employee radiological training
GCA	Graphic Communication Association		
GCD	general and complete disarmament		
GCD	greater confinement disposal		
GCEP	gas centrifuge enrichment plant		

GES	ground-Earth station	GLWQA	Great Lakes Water Quality Agreement
GES	ground engineering system	GM	Geiger-Müller (also G-M)
GET	General Employee Training	GM	general MIDI
GETR	General Electric Test Reactor	GM	General Motors
GETT	grants-equal-to-taxes	GM	granulocyte/microphage (life sciences)
GE-VF	General Electric, Valley Forge	GMAT	Graduate Management Admission Test
GF	general files	G.m.b.H.	<i>Gesellschaft mit beschränkter Haftung</i> ; limited corporation (German)
GFAA	graphite furnace atomic absorption	GMF	ground mobile force
GFAAS	graphite furnace atomic absorption spectroscopy	GMM	general maintenance manual
GFC	gas filter correlation	GMP	Groundwater Monitoring Plan
GFCI	ground fault circuit interrupter	GMR	giant magneto resistance (Sandia)
GFD	geophysical fluid dynamics	GMS	geostationary meteorological satellite (Japan)
GFE	government-furnished equipment	GMT	Greenwich Mean Time (zulu time; UCT)
GFF	glass fiber filter	GMW	General Metalworks
GFM	government-furnished material	GMW	gram molecular weight
GFP	government-furnished property	GMX	GMX Division (no name), 7/48–9/72
GFS	generic flight systems	GNETS	graphical network security
GGH	generalized geometry holdup	GNI	general new item
GGNS	Grand Gulf Nuclear Station	GNO	Gallium Neutrino Observatory
GGP	gateway-to-gateway protocol	GNP	gross national product
		GNU	Gnu's not UNIX (software)
<b>GI–GN</b>		<b>GO–GR</b>	
GI	gastrointestinal	GOCO	government-owned contractor-operated
GI	general increase/instruction	GOE	government-owned equipment
GI	government issue	GoEX	(Jet Research Inc., shaped charge)
GIDEP	Government/Industry Date Exchange Program	GOGO	government owned, government operated
GIF	gamma irradiation facility	GOMS	geostationary orbiting meteorological satellite (Russia)
GIF	graphics interchange format	GONII	gas and oil national information infrastructure project
GIFT	gas-insulated flow tube	GONG	Global Oscillation Network Group
GIGO	garbage in/garbage out	GOP	general operating procedures
GIM	guided intelligence model	GOPO	government-owned, privately operated
GINGA	(Japanese satellite; not an acronym)	GOSIP	Government Open Systems Interconnect (OSI) Protocol
GIP	generic implementation procedure	GP	general purpose
GIRE	general indirect & recharge equipment	GP	generic procedure
GIS	geographic information system (Savannah River)	GP	governing policy
GIS	global indexing system	GP	graphic panel
GISC	generic intelligent system controller	GP	graph partitioning
GISP2	Greenland Ice Sheet Project	GPAC	General Plant Advisory Committee
GIX	Global Internet Exchange	GPAD	gallons per acre per day
GJPO	Grand Junction Project Office	GPALS	ground protection against limited strike(s)
GKAE	(U.S.S.R. State Committee on the Utilization of Atomic Energy)	GPC	gel permeation chromatography
GKNT	(U.S.S.R. State Committee for Science and Technology)	GPCD	gallons per capita per day
GKS	graphical kernel system (proposed international standard)	GPCS	gas purification control system
GL	general ledger (system)	GPF	general purpose facility
GL	group leader	GPF	Generic Packaging Facility
GLASS	generalized lattice analysis subsystem	GPHS	general purpose heat source
GLC	gas liquid chromatography	GPI	gas puff imaging
GLCM	ground-launched cruise missile	GPIB	general purpose interface bus
GLERL	Great Lakes Environmental Research Lab.	GPL	graphics programming language
GLONASS	global navigation system (Russia)	g.p.m.	gallons per minute (also gpm)
GLP	good laboratory practices (standards)		

GPMP	Groundwater Protection Management Program Plan	GSI	generic software interface
GPO	Government Printing Office	GSLV	geosynchronous satellite launch vehicle (India)
GPO	Ground-Based FEL Project Office	GSO	geosynchronous orbit
GPP	general plant projects	GSO	goods and services on order
GPR	global position receiver	GSR	galvanic skin response
GPR	ground-penetrating radar	GSRD	general safety requirements document
GPR	group property representative	GSS	general support systems
GPS	global positioning system/satellite	GST	Greenwich sidereal time
GPS	groundwater protection strategy	GSTS	Ground Surveillance and Tracking System
GPSS	general purpose simulation system		
GPWR	German pressurized water reactor	GT	Gamow-Teller
GR	Government Relations Office	GTA	gas tungsten arc
GR	green colored terminal marking	GTA	ground test accelerator
GRA	graduate research assistant	GTA/NPBSE	ground test accelerator/neutral particle beam space experiment
GRABASC	graphics-based supervisory control		
GRACCE	Grand Challenge Computational Environment	GTAW	gas tungsten arc/air welded/welding
		GTCC	greater than Class C
GRAPE	graphical reprocessing analysis procedure emulation	GTDA	general technical data, available
		GTDR	general technical data, restricted
GRAS	generally recognized as safe	GTDU	general technical data, unrestricted
GRASS	generalized reactor analysis subsystem	GTEC	Governor's Technical Excellence Committee
GRB	gamma-ray burster		
GRC	General Research Corporation	GTF	global template file (MS Word)
GRD	Generic Requirement Document	GTF	Ground Test Facility
GRDO	geoscience research drilling office	GTF	grout treatment facility
GRE	gas release event	GTL	geomagnetic tail laboratory (satellite)
grep	global regular expressions and patterns (UNIX utility)	GTM	gang temperature monitor
		GTN	Germantown (DOE, Maryland)
GRETA	Gamma-Ray Energy Tracking Array	GTN	global trend network
GRIN	graded index	GTNA	gated thermal neutron analysis
GRIP	Greenland Ice-Core Project	GTO	geosynchronous transfer orbit
GRO	Government Relations Office	GTP	generic technical position
GRP	glass-reinforced plastic	GTR	government transportation request
GRPHNREP	graphical network representation	GTS	global telecommunications system
GRS	gamma-ray spectrometer	GTU	ground test unit
GRS	general records schedules	G-TUF	G-Tunnel Underground Facility
GRS	<i>Gesellschaft für Reaktorsicherheit</i>	GTW	ground-thermosphere waveguide
GRW	gang rod withdrawal		
GRWSIMS	ground war simulations		
		<b>GU – GZ</b>	
<b>GS – GT</b>		GUI	graphical user interface
GS	general stock	GUR	generate unmatched item report
GS	general support series	GUT	grand unified theory
GS	graded series (non-TSM)	GVCS	Guard Vessel Coolant System
GS	guest scientist	GVLS	global verification location system
GS	(RX-08-GS extrusion-cast explosive)	GVP	gasoline vapor pressure
GSA	General Services Administration	GVR	gas volume ratio
GSAF	Generator Set-Aside Fee	GVV	glass VOA vial
GSAFMC	GSA Fleet Management Center	GVWR	gross vehicle weight rating
GSAS	Generalized Structure Analysis System	GW	gaseous waste
GSC	gas-solid chromatography	GW	gateway, wide band communications network
GSE	ground support equipment	GW	graveyard/weekend shift (attendance code)
GSE	group of scientific experts		
GSF	gross square feet	GW	ground water
GSFA	Goddard Space Flight Center	GWA	ground water assessment
GSI	generic safety issue	GWAR	generic waste acceptance requirements

GWC group waste coordinator  
 GWEN Ground Wave Emergency Network  
 GWIS Global Weapons Information System  
 GWM generic window manager (X)  
 GWPA Ground Water Protection Act  
 GWPMPP Ground Water Protection Management Program Plan  
 GWPS ground water protection standard/strategy  
 GWQB Ground Water Quality Board (NMED)  
 GWS general welding specifications/standards  
 GWTT ground water travel time  
 GZ ground zero

HAZOP hazards and operability  
 HAZOPER Hazardous Waste Operations  
 HAZOPER Hazardous Waste Operations & Emergency Response Training for General Site Workers  
 HAZPACT Hazardous Material Packaging & Shipping Section  
 HAZRAP hazardous waste remedial actions program  
 HB health benefits  
 HB horizontal baffle  
 HB House Bill  
 HBCU Historically Black Colleges & Universities

## H

H (confidential formerly restricted data code, LLL)  
 H handling equipment  
 H Health Division, 5/47–10/84  
 H history (LA-series report designator)  
 H holiday (attendance code)  
 H hotline  
 H-1 (temporary worker—visa)  
 H4P high-performance parallel processor project (also HPPPP)  
 HA (Energy Conservation fund type code)  
 HA hazard analysis  
 HA health assessment  
 HAC Hughes Aircraft Company  
 HACS hazard assessment computer system  
 HAD health assessment document  
 HAN hydroxylammonium nitrate  
 HANDY heater analysis of nucleation dynamics (code)  
 HANE high-altitude nuclear event/explosion  
 HAP hazardous air pollutant  
 HAP high average power  
 HAPC highest average pay compensation  
 HAPPS hazardous air pollutant prioritization system  
 HAR hydrologic assessment report  
 HARP hazard assessment of rocket propellants  
 HARP high-altitude research program  
 HAS humidifier, air, steam-spray  
 HASC House Armed Services Committee  
 HASP health and safety plan  
 HASWOP hazardous waste operations program  
 HASWOPER hazardous waste operations and emergency response  
 HAW high acid waste  
 HAW high-activity waste  
 HAW humidifier, air, water-spray  
 HAZCAT hazard categorization  
 HazClass hazard classification  
 HAZCOM hazard communications (program)  
 HAZMAT hazardous materials

HBD hydraulic bottom detector  
 HBS heat-pipe biomodal system  
 HC hazardous constituents  
 HC health check  
 HC hexachlorothannol  
 HC hydraulic conductivity  
 HC hydrocarbons  
 HCIA Hazardous Chemicals Information Act  
 HCD hazard control department  
 HCF hot channel factor  
 HCFC hydrochlorofluorocarbon  
 HCHB Herbert C. Hoover Building, Washington, DC  
 HCLPF high confidence, low probability of failure  
 HCN hydrogen cyanide gas  
 HCP hypothermal coal process  
 HCTS High-Current Test Stand  
 H/D hydride/dehydride  
 HD (Hanford Engineering)  
 HD heavy duty  
 HD Huntington's Disease  
 HD high-density CD  
 HDF halogenated dibenzofuran  
 HDFC Hereditary Disease Foundation Consortium  
 HDG heater, duct, gas  
 HDHT highly dispersed heat transfer  
 HDL Harry Dimond Laboratories  
 HDL hierarchical design language  
 HDL high-density lipoprotein  
 HDPE high-density polyethylene  
 HDP high delta pressure  
 HDR Heißdampfreaktor (hot steam reactor)  
 HDR hot dry rock  
 HDS hazardous devices school  
 HDT hazardous devices team  
 HDTV high-definition television  
 HDV heavy-duty vehicle

## HE – HI

HE high explosive(s)  
 HE hoist, electric  
 HE human error  
 HEA health effects assessment

HEA	high-explosive-assembled	HEX	heat exchanger
HEAF	high explosives application facility (LLNL)	HEX	(uranium hexafluoride)
HEAT	help desk expert automation tool	HEX-BCF	hexachloronorbornadiene
HEAT	high-enthalpy arc tunnel	HF	human factors
HEB	high-energy beam	HF	hydrogen fluoride
HEBT	high-energy beam transport (BEAR)	HFA	homogeneous shear flow
HECB	Hanford Electrical Contractors Board	HFBR	High-Flux Beam Reactor (BNL)
HECC	House Energy & Commerce Committee	HFD	heat flux dropout
HED	Hazard Evaluation Division (EPA)	HFE	human factors engineering
HED	high energy-density (physics)	HFEF	Hot Fuel Examination Facility, Rocky Flats
HEDH	high energy-density hydrodynamics	HFEM	high-frequency electromagnetic
HEDI	High Endoatmospheric Defense Interceptor	HFEX	high-frequency experiment
HEDL	Hanford Engineering Development Laboratory	HFIR	high-flux isotope reactor (ORNL)
HEDM	high-energy-density material	HFS	hierarchical file system (Apple)
HEED	health & environmental effects document	HG	hydrogen gas
HEEP	health and environmental effects profile	HGA	heat-generating assembly
HEGLF	High Energy Gas Laser Facility	HGE	hydrogen gas embrittlement
HEHF	Hanford Environmental Health Foundation – Richland, Washington	HGIR	Human Genome Information Resource
HEI	Health Effects Institute	HGMF	high-gradient magnetic field
HEI	Heat Exchange Institute	HGMS	high-gradient magnetic separation
HEL	high-energy laser	HGOPHER	(gopher software for Windows)
HELEX	(a computer code)	HGP	high gas pressure
HELIOS	high-energy lepton and ion spectrometer	HH	human health (risk)
HELIOS	(LANL laser research system, 1978)	HHA	high hard(ness) armor
HEM	human exposure modeling	HHRA	human health risk assessment
HEM	hybrid electromagnetic	HHS	Department of Health & Human Services
HEMP	high-altitude electromagnetic pulse	HHV	higher heating value
HEMT	high electron mobility transistor	HI	hazard index
HEP	heterogeneous element processor	HI	Hydraulics Institute
HEP	heterogeneous multiprocessor	HIB	heavy-ion beam
HEP	high-energy physics	HIBAF	high-brightness accelerator FEL (laser)
HEP	Hispanic Employment Program (EPA)	HI-BLARG	hypersonic integral boundary layer analysis of reentry geometries
HEP	human error probability	HIDS	highly integrated detonation system
HEPA	high-efficiency particulate air/adsorption	HIF	heavy-ion fusion
HEPAP	High-Energy Physics Advisory Panel	HIFSA	Heavy-Ion Fusion Systems Assessment
HEPnet	High Energy Physics Network	HIGRAD	High-resolution model for strong GRADIENT applications
HERA	(German accelerator)	HILAC	heavy-ion linear accelerator
HERA	helium reactor analysis (code)	HIMES	highly maneuverable experimental spaceplane (Japan)
HERMES II	High Energy Radiation Megavolt Electron Source, Second Generation	HIP	Hanford Isotopes Plant
HERS	home energy rating system	HIP	high injection pressure
HERS	hyperion energy recovery system	HIP	hot isostatic pressing
HESIS	hazard evaluation system and information (California Occupational Health Program)	HIPD	high-intensity powder diffractometer
HESQA	health, environment, safety & quality assurance	HIPO	high potential incident(s)
HETB	hardened engineering test building	HIPPI	high-performance parallel interface
HETE	high-energy transient experiment	HIR	hypervelocity impact research
HETP	height equivalent to theoretical plate	HIRAB	high-resolution atomic beam
HES	Handbook of Economic Statistics (CIA)	HIRAC	hazardous information record and control
HETT	high explosive transit time	HIRL	high-intensity runway lighting
HEU	highly enriched uranium	HIS	House Information System (Congress)
		HIT	hazard information transmission
		HITIS	hyperbolic in-air tracking system
		HIV	human immunodeficiency virus
		HI-VOL	high-volume sampler

**HJ–HP**

HKED hybrid k-edge densitometry  
 HKS Hibbitt, Karlsson & Sorenson (vendor for ABAQUS)  
 HLA human leukocyte antigen  
 HLC high-level cave(s)  
 HL/CL hazard level/compliance level  
 HLDLC high-level data link control (telecom.)  
 HLFM high-level flux monitor  
 HLLW high-level liquid waste(s)  
 HLMA Hotline Modernization Agreement  
 HLRW high-level radioactive waste  
 HLW high-level waste  
 HLWFP high-level waste form producers  
 HLWV high-level waste vitrification  
 HM health monitoring  
 HM heavy metal  
 HM hoist, manual  
 HMCP hazardous materials control policy  
 HMI hypervelocity microparticle impact  
 HMIG hazardous materials identification guide  
 HMMC halide-bridged mixed-valence metal complex(es)  
 HMO health maintenance organization  
 HMP Habitat Management Plan (ER project)  
 HMPT hazardous materials packaging and transportation  
 HMRT hazardous material response team  
 HMS Hanford Meteorological Station  
 HMS her/his majesty's ship  
 HMS highway mobile source  
 HMS hydrogen mixing studies (code)  
 HMS/TRAC Hydrogen Mixing Study/Transient Reactor Analysis Code  
 HMTA Hazardous Material Transportation Act (1974, 1984)  
 HMTF Hazardous Materials Transfer Form  
 HMTTS Hazardous Materials Transportation Tracking System  
 HMX high melting explosive  
 HMX tetranitro tetrazacyclo-octane (HE)  
 H&N Holmes and Narver, Inc.  
 HNF Hanford document number designator  
 HNPF Hallam Nuclear Power Facility  
 HNS (dipicrylthane; explosive)  
 HNS 2,2',4,4',6,6'-hexanitrostilbene (explosive)  
 HO (General Electric Co., Hanford Atomic Products Operations)  
 HOA hand/off/automatic (switch)  
 HOB House office building  
 HOC halogenated organic carbon  
 HOC halogenated organic compound(s)  
 HOC hazardous organic constituents  
 HOD hand-operated disconnect  
 HOE holographic optical element  
 HOE homing overlay experiments

HOG high-order Godunov (TRAC method)  
 HOMS human-oriented manufacturing system  
 HON hazardous organic NESHAP  
 HOT SPOT (DOE mobile accident response group)  
 HOV high-occupancy vehicle  
 HP health physics/physicist  
 HP Hewlett Packard  
 HP high performance  
 HP high pressure  
 HP high purity  
 hp horsepower (also HP)  
 HP hot pipe  
 HP HP Site (TA-33)  
 HPAL Health Physics Analysis Laboratory  
 HPCA High Performance Computing Act (1991)  
 HPCC high-performance computing and communications  
 HPCE high-performance capillary electrophoresis  
 HPCI High-Performance Computing Initiative  
 HPCRC High-Performance Computing Research Center  
 HPCS high-pressure core spray  
 HPCTB high-power cryogenic test bed  
 HPDD high-power density/design  
 HPDS high-performance data system  
 HPF helium purification system  
 HPF high-performance FORTRAN  
 HPFL high pressure fire loop  
 HPGe high-purity germanium (also HPG)  
 HPHTF high-pressure/high-temperature fluids  
 HPIC high-pressure ion chamber  
 HPIS high-pressure injection system  
 HPLC high-performance liquid chromatography  
 HPLC high-pressure liquid chromatography  
 HPM high-power microwave  
 HPN high-pressure nitrogen  
 HPP high-pulse power  
 HPPPP high-performance parallel processor project  
 HPS Health Physics Society  
 HPS heat-pipe power system  
 HPSL high-power rf structures laboratory  
 HPSS high-performance storage system  
 HPSSC Health Physics Society Standards Committee  
 HPSW high-pressure service water  
 HPT health protection technician  
 HPTM horizontal pull test machine  
 HPU hydrothermal processing unit  
 HPV high-priority violator  
 HPV human papilloma virus

**HQ–HT**

HQ headquarters  
 HR high-resolution  
 HR human resources

HR	Human Resources Division, 11/93–	H&SPP	Health and Safety Program Plan
H.R.	House of Representatives	HSPT	Human Studies Project Team
HRA	human reliability analysis	HSSHPP	High School Science Honors Program
HRC	hybrid ring control	HST	health and safety technician
HRCQ	highway route-controlled quantity	HST	Hubble Space Telescope (NASA)
HRD	human resources development	HSW	heat sink welding
HRD	Human Resources Development Division, 6/86–11/93	HSWA	Hazardous & Solid Waste Amendments (1984; amend RCRA)
H. Res.	House resolution (also H.R.)	HSX	horizontal surface extensometer
HRIBF	Holifield Radioactive Ion Beam Facility	HT	heat treatment
HRL	Health Research Laboratory (TA-43)	HT	hydrothermally treated
HRMB	Hazardous and Radioactive Materials Bureau	HT	(tritiated hydrogen gas)
HRMP	Hydrologic Resonance Management Program	HTA	high-temperature alarm
HRRPO	Human Resources Reliability Program Office	HTC	heat-transfer coefficient
HRS	hazard ranking system	HTD	heat transfer division (American Society of Mechanical Engineers)
HRSD	Hazardous Response Support Division (EPA)	HTF	Hanford tank farm
HRT	high-resolution telemetry	HTFS	heat transfer and fluid flow service
HRUP	high-risk urban problem	HTGR	high-temperature gas-cooled reactor
HRV	high-resolution visible	HTH	calcium hypochlorite
HS	health and safety	HTL	Heat Transfer Laboratory (SRL)
HS	Health and Safety Division, 7/91–11/93	HTL	heat transfer loop
HS	heat source	HTL	hydrothermal processing
HS	He-3 storage	HTML	hypertext markup language
HS	homeland security	HTO	hydrogen-tritium-oxygen (isotope) (tritiated water)
HS	hydrogen sulfide	HTO	(tritiated water)
H&S	health and safety	HTP	high temperature and pressure
H&SP	health and safety plan	HTP	hot test procedure
H&SPL	health and safety project leader	HTR	high-temperature reactor
HSA	high specific activity	HTRF	Heat Transfer Research Facility (Columbia University)
HSA	hollow-stem auger	HTS	Hadamard transform spectrometer
HSC	high-speed channel (see HIPPI)	HTSC	High-Temperature Superconductivity/ Superconductors
HSCD	Hazardous Site Control Division (EPA)	HTTP	hypertext transfer protocol
HSDN	high-speed data network subsystem	HTU	hydrodynamic test unit
HSE	health, safety, and environment	HTWRS	Hanford Tank Waste Remediation System
HSE	Health, Safety, and Environment Division, 10/84–7/91	<b>HU – HZ</b>	
HSE	heater, steam-electric	H/U	heatup
HSEAC	Health, Safety, and Environment Advisory Committee	HUD	heads-up display
HSED	Hazardous Site Evaluation Division	HUD	Housing & Urban Development (Department)
HSEPS	Health and Safety, Environmental Protection and Safeguards	HUE	heater unit, electric
HSER	health, safety, and environment remark	HUG	heater unit, gas
HSHP	Health and Safety Hazard Program	HUI	heater unit, infrared
HSI	heat stress index	HULL	(3-D Eulerian hydrocode)
HSL	hazardous substance list	HUMINT	human intelligence
HSLA	high-strength low-alloy	HUMVEE	high-mobility (off-road) vehicle
HSM	health and safety manual	HUS	heater unit, steam
HSP	Health and Safety Plan	HUW	heater unit, water
HSP	high-speed processor	HV	hardness, Vickers'
HSP	high steam pressure	HV	heating and ventilation unit
HSPI	high-speed parallel interface	HV	high voltage
H&SPL	Health and Safety Project Leader	HVA	heating, ventilation, and air
		HVAC	heating, ventilation, and air conditioning
		HVAC	high voltage, alternating current



IAW	in accordance with	ICIS	intelligent configuration identification system (ORNL)
IAW	ion acoustic wave	ICM	Image Conversion & Management Co.
IB	intermediate break	ICMP	Internet Control Message Protocol
IB	internal bremsstrahlung	ICMS	International Center for Manufacturing Sciences
IBA	Industrial Biotechnology Association	ICN	integrated computing network
IBEW	International Brotherhood of Electrical Workers (labor union)	ICN	interface change notice
IBEX	(electron beam propagator)	ICO	integrated contract/contractor order
IBF	Ion Beam Facility (TA-3)	ICO	Integration and Coordination Office
IBML	Ion-Beam Materials Laboratory	I&CO	installation and checkout
IBR	Internal Budget Review	ICONS	isotopes of carbon, oxygen, nitrogen, and sulfur (program/facility)
IBS	ion-beam spectrometer	ICP	inductively coupled plasma spectrometer
IBSS/CRO	infrared background signature study/chemical release observation	ICP	integrated control processor
<b>IC – ID</b>		ICPAES	inductively coupled plasma atomic emission spectrometry (also ICP/AES)
IC	incident commander	ICPES	inductively coupled plasma emission spectroscopy
IC	incident control	ICP/MS	ICP/mass spectrometer
IC	inductance-capacitance	ICP/OES	ICP/optical emissions spectrometry/eter
IC	installed cost	ICPP	Idaho Chemical Processing Plant
IC	integrated circuit	ICR	information collection request
IC	integrated contractor (DOE)	ICR	injector control room
IC	intelligence community	ICR	inventory change report
IC	ion chromatography	ICR	ion cyclotron resonance
IC	isolation condenser	ICRE	ignitability, corrosivity, reactivity, or extraction procedure toxicity (characteristics)
I&C	instrumentation and control	ICRP	International Commission on Radiological Protection
I&C	Instrumentation and Control Center	ICRU	International Commission on Radiation Units and Measurements
ICAO	International Civil Aviation Organization	ICS	incident command system
ICAP	inductively coupled argon plasma	ICS	instrumentation and control system
ICAP	International Code Assessment and Application Program	ICS	interference-check sample
ICAS	international communications application specification	ICS	intermittent control system (CAA)
ICB	interface control board	ICSC	integrated computing systems and consulting
ICBM	intercontinental ballistic missile	ICSPAT	International Conference on Signal Processing Applications & Technology
ICBN	International Commission on the Biological Effects of Noise	ICT	International Critical Tables
ICC	inadequate core cooling	ICU	interface control unit
ICC	Interstate Commerce Commission	ICWG	Interface Control Working Group
ICCD	intensified charge-coupled device	ICWM	Institute for Chemical Waste Management
ICD	interface control document	ID	Idaho Operations Office
ICDE	International Conference on Data Engineering	ID	induced draft
ICE	implicit continuous Eulerian	ID	inner/inside diameter (also i.d.)
ICE	independent cost estimate	ID	integrated design
ICE	industrial combustion emissions (model)	ID	intrinsic densitometry
ICE	internal combustion engine	ID	intrusion detection
ICE	International Cometary Explorer	ID	inventory difference
Ice House	(weapons subassembly area, TA-41)	I-D	Internet-Draft
ICF	inertial confinement fusion	IDA	Institute for Defense Analyses
ICFA	inertial confinement fusion & AGEX	IDAPI	integrated database application program/programming interface
ICF&RP	inertial confinement fusion and radiation physics		
ICG	Interface Coordination Group		
ICHEA	International Conference on High Energy Accelerators		
ICID	intensified charge-injection device		

IDB	integrated database	IF	interference filter
IDC	initiating device circuits	IF	interferon
IDC	integrated demonstration coordinator	IF	intermediate frequency
IDC	item description code	IFB	invitation for bid(s)
IDCOR	Industry Degraded Core Rulemaking	IFC	internal fission counter
IDDD	international direct distance dialing	IFF	identification, friend or foe
IDE	integrated (intelligent) drive electronics	IFI	inspector follow-up items
IDE	integrodifferential equations	IFK	Institut für Kernphysik (Germany)
IDF	Israeli Defense Force	IFM	interfacial force microscope (SNLA)
ID Fan	induced draft fan	IFMIF	International Fusion Materials Irradiation Facility
IDGS	isotope dilution gamma-ray spectrometry	IFOG	interferometric fiber-optic gyro
IDL	instrument detection limit	IFOV	instantaneous field of view
IDL	interactive data language	IFPF	Idaho Fuels Processing Facility
IDLH	immediately dangerous to life and health	IFPP	industrial fugitive process particulate
IDLH	imminent danger to life and health	IFR	integral fast reactor (ANL West)
IDMS	imaging & document management system	IFTU	in-flight trajectory updates
IDMS	isotope dilution mass spectrometry	IFV	intermediate fighting vehicle
IDN	identification number	IG	inert gas
IDNA	integral depletable neutron absorber	IG	inertial guidance
IDNB	intense diagnostic neutral beam	IG	Inspector General
IDOOR	industry degraded core (program)	IG	interactive graphics
IDP	individual development plan	IG	interagency group
IDP	interplanetary dust particle	IG	interdepartmental group
IDR	interim design review	IG	Interglobal
IDRP	interdomain routing protocol	IGA	intergranular (corrosion) attack
IDS	integrated data system	IGC	International Geologic Congress
IDS	intrusion detection system	IGCC	Institute of Global Conflict and Cooperation (UC)
IDW	investigation-derived waste	IGCI	ignitor gas cock interlock
<b>IE – IH</b>		IGCI	Industrial Gas Cleaning Institute
IE	(Assistant Secretary for International Affairs & Energy Emergencies; DOE)	IGES	initial graphics exchange specification
IE	initiating event	IGIS	interactive graphics information system
IE	irradiation effect	IGMP	installation generic monitoring plan
i.e.	id est (that is)	IGP	interior gateway protocol
I&E	inspection and evaluation	IGP	intrinsic-germanium-planar
IEC	interexchange carrier (telephone; also IXC)	IGPP	Institute of Geophysics and Planetary Physics, 1980–
IEC	inertial electrostatic confinement	IH	industrial hygiene/hygienist
IEC	International Electrotechnical Commission	IH	inner housing
IEEE	Institute of Electrical & Electronics Engineers	IHE	insensitive high explosive(s)
IELD	initiating event logic diagram	IHEM	in-house energy management (program)
IEM	interim examination and maintenance	IHI	Ishikawajima-Harima Heavy Industries
IEMP	internal electromagnetic pulse	IHS	Indian Health Service
IEN	Internet Experiment Note	IHX	intermediate/input heat exchanger
IEO	Internal Evaluation Office	<b>II – IN</b>	
IEQ	isotopic equilibrator	II	interim isolated
IER	information engineering release	I & I	infiltration and inflow
IER	initial engineering release	IIA	Incinerator Institute of America
IES	Institute for Environmental Studies	IICS	International Interactive Computing Society
IESG	Internet Engineering Steering Group	IJJ	Internet Initiative Japan
IETF	Internet Engineering Task Force	IINREN	interagency interim national research and education network
IETM	interactive electronic technical manual	IIR	intelligence information report (military)
IF	integration facility	IIRM	institutional interim remedial measures

IIS	inflationary impact statement	IMR	Internet monthly report
IIT	Illinois Institute of Technology	IMS	information management system
IITA	information infrastructure technology and applications	IMS	intermediate matching section
IITF	Information Infrastructure Task Force gopher.iitf.doc.gov, 202-501-1920	IMS	intertank matching section
IKE	ion kinetic energy	IMS	ion mass spectrometer
IL	ignitor light	IMSL	International Mathematical & Statistics Library
IL	intact loop	IMT	impulsive momentum transfer
IL	investigatory leave (attendance code)	IMT	information management team
ILAS	improved limb atmospheric spectrometer (Japan)	IMTC	International Multimedia Teleconferencing Consortium
ILL	Institut Laue Langevin (Grenoble, France)	IMTK	interphase mass transfer kinetics
ILLIAC	Illinois Institute for Advanced Computing	IMTL	Integrated Manufacturing Technologies Laboratory (SNLL)
ILLIAC-IV	Illinois Integrator & Automatic Computer	IMU	inertial measurement unit
ILO	in lieu of	IMUST	inactive miscellaneous underground storage tank
ILRT	integrated leak rate test	IN	Intech
ILS	instrument landing system	IN	(Office of) Intelligence (DOE)
ILS	integrated logistics support	IN-1	inelastic scattering instrument no. 1; spectrometer at ILL
ILS	integrated long-term strategy	INAA	instrumental neutron activation analysis
ILTSF	intermediate-level transuranic storage facility	INC	insertable nuclear component
ILW	intermediate-level (liquid) waste	INC	isotope and nuclear chemistry
IM	impurity stimulation	INC	Isotope and Nuclear Chemistry Division, 8/82-127/93
IM	information management	INCOR	Institutional Collaborative Research-Nuclear Science Fund
IM	intelligence memorandum	INCRA	International Copper Research Association
IM	interim measure	IND	improvised nuclear device
I/M	inventory/maintenance menu (tool)	IND	indeterminate
I & M	Inspection and maintenance	IND	investigational new drug
IMA	intermediate maintenance activities	INDEX	institutional data exchange
IMB	Irvine-Michigan-Brookhaven	INEEL	Idaho National Engineering and Environmental Laboratory
IMC	incident management center	INEL	Idaho National Engineering Laboratory
IMC	intermediate metal conduit	INEX	integrated numerical experiment
IMDG	International Maritime Dangerous Goods	INF	intermediate-range nuclear forces (treaty)
IMF	International Monetary Fund	INFCE	International Nuclear Fuel Cycle Evaluation
IMHO	in my humble opinion	INFN	<i>Istituto Nazionale di Fisica Nucleare</i>
IMINT	image intelligence	INFORM	Information Management System (now Lab-Wide Systems)
IML	International Microgravity Laboratory (Japan)	INFOTERRA	International Environmental Information System
IMLEO	initial-mass-in-low-earth-orbit	Ing.	<i>Ingenieur</i> ; engineer (German)
IMM	intersection midblock model	INGRES	Interactive Graphics & Retrieval System (UC Berkeley/Relational Technology)
IMM	Isotope Measurement Laboratory	ININ	Mexican Nuclear Institute ( <i>Instituto</i> )
IMO	International Maritime Organization	Ink	(concentrated Gd(NO <sub>3</sub> ) <sub>3</sub> "poison" solution; also SSS)
IMOG	Interagency Manufacturers/Mechanical Operating/Operation Group	INMARSAT	International Maritime Satellite Organization
IMP	implementation procedure	INMM	Institute for Nuclear Materials Management
IMP	<i>Instituto Mexicano del Petroleo</i> (Mexican Petroleum Institute)		
IMP	interplanetary magnetic field		
IMP	Interplanetary Monitoring Platform		
imp.	<i>imprimatur</i> ; let it be printed/sanctioned		
IMPACT	integrated model of plumes and atmosphere in complex terrain		
IMPES	implicit pressure explicit saturation (simulator)		
IMPROVE	interagency monitoring of protected visual environment		

INPA	Institute of Nuclear and Particle Astrophysics	I/P	current to pneumatic
INPAC	Institute for Nuclear (physics), Particle (physics), Astrophysics, and Cosmology	IPA	Intergovernmental Personnel Act
INPO	Institute for Nuclear Power Operations	IPA	intergovernmental personnel agreement
INPUFF	(Gaussian puff dispersion model)	IPA	isopropyl alcohol
INRAD	intrinsic radiation	IPAC	Industrial and Professional Advisory Council
INS	Immigration and Naturalization Service	IPB	illustrated parts breakdown
INS	inelastic neutron scattering/spectrometer	IPC	Industrial Partnership Center (now IPO)
INS	inertial navigation system	IPC	interprocess communication
INSAT	Indian Satellite	IPCC	Intergovernmental Panel on Climate Change
INSCOM	U.S. Army Intelligence & Security Cmmnd.	IPCC	International Professional Communication Conference
INSRP	Interagency Nuclear Safety Review Panel	IPCDS	in-place command disable system
INT	intermittent	IPD	institutional program development
INTD	international nuclear target development	IPE	individual plant examination
INTECOM	International Council for Technical Communication	IPF	isotope production facility
INTELSAT	International Telecommunications Satellite Organization	IPG	<i>Institut de Physique du Globe</i> (France)
INVS-III	inventory sample-III	IPG	interproject group
INWS	Interservice Nuclear Weapons School	IPL	Interplanetary Physics Laboratory (satellite)
INX	ion exchange	IPLWG	industrial partnership laboratory working group
<b>IO–IQ</b>			
I/O	input/output	IPM	inhalable particulate matter
[I]/[O]	indoor/outdoor (concentration ratio)	IPM	integrated pest management
IOB	iron ore beneficiation	IPM	interpersonal mail system
IOC	initial operational capability	IPNS	Intense Pulsed Neutron Source (Argonne)
IOC	input/output (model c) cabinet	IPO	Indirect Program Office
IOC	input/output controller	IPO	Industrial Partnership Office
IOCI	ignitor oil cock interlock	IPO	International Programs Office (Navy)
IOI	item of inspection	IPOC	institutional point(s) of contact
IOM	Institute of Medicine	IPP	immediate priority pollutant
IOP	internal operating procedure	IPP	Industrial Partnership Programs Office
IOR	internal security organizational representative	IPP	Institute for Public Policy (UNM)
IORV	inadvertently opened relief valve	IPP	integrated planning process
IOS	(Cray disk controller)	IPP	integrated project planning
IOS	input/output subsystem	IPR	intellectual property rights
IOS	International Organization for Standardization	IPRB	Intellectual Property Review Board
IOT	inductive output tube(s)	IPRD	in-plant reliability data
IP	image processing	IPRP	Implementation Plan for the Recovery of Plutonium
IP	induced polarization	IPS	in-plant store
IP	Industrial Partnership Programs	IPS	integral protective system
IP	inhalable particles	IPS	interim policy statement
IP	initial pressing	iPSC	Intel Personal Supercomputer (hypercube)
IP	inspection procedure	IPX	Internet packet exchange (Novell)
IP	<i>Institutional Plan</i>	I&Q	in-phase and quadrature
IP	intellectual property	IQR	interquartile range
IP	intermediate pressure	<b>IR–IS</b>	
IP	Internet protocol	IR	incident report/reporting
IP	interproject	IR	information request
IP	ionization potential	IR	infrared (radiation; also ir)
IP	isotope production	IR	intermediate resonance
		IR	Internet Registry
		IR	Invitation Request (form)
		IRAP	interagency radiological assistance plan

IRB	independent review board	ISCG	Institutional and Socioeconomic Coordinating Group
IRB	initial/internal review budget	ISCL	interim status compliance letter
IRBM	intermediate-range ballistic missile	ISD	implementation support document
IRC	INEL Research Center (Idaho)	ISD	instructional systems development
IRC	inspection record card	ISD	interim status document (RCRA)
IRC	internal review committee	ISD	international standard data network
IRC	Internet relay chat	ISD/IS	Information Services Department/Division, 10/70–12/93
IrDA	Infrared Data Association	ISDN	integrated services digital network
IRD	individual R&D project(s)	ISDR	information services division request (form)
IRE	infrared emitting diode	ISE	Ideas in Science and Electronics, Inc.
IRF	initial response force (FEMA)	ISE	integrated space experiment
IRF	integrated research file	ISE	international space explorer
IRG	Interagency Review Group	ISE	ion-specific electrode
IRI	industrial risk insurers	ISEC	Information Systems Engineering Command (U.S. Army)
IRIS	Integrated Risk Information System	ISEC	internal security (office; counterintelligence)
IRIS	ion source for radioactive isotopes	ISEE	International Sun-Earth Explorer
IRLG	Interagency Regulatory Liaison Group	ISEF	International Science & Engineering Fair
IRM	interim remedial measure(s) (CERCLA)	ISER	integrated safety evaluation report
IRO	insulated uranium oxide	ISES	independent space experiment systems
IROFA	International Robotics and Factory Automation Center (Japan)	ISES	intrinsic Stark-effect superlattice
IROFS	items relied on for safety	ISF	Infrastructure Support Facilities
IRP	individual research projects (SSRI's)	ISI	in-service inspection
IRP	installation restoration program	ISIPS	information services integrated publishing system
IRP	intelligence research paper	ISIS	integrated safeguards information system
IRPTC	International Register of Potentially Toxic Chemicals	ISIS	international satellites for ionospheric studies
IRQ	interrupt request	ISIS	International Superconductivity Industry Summit
IRR	Institute of Resource Recovery	ISIS	(plasma physics code)
IRR	internal rate of return	ISIS	(Rutherford Laboratory Neutron Facility, U.K. AWRE; from a name for the Thames)
IRRAS	integrated reliability and risk analysis system (code)	IS-IS	intermediate system-intermediate system
IRS	Internal Revenue Service	ISiS	Indiana Silicon Sphere
IRSG	Internet Research Steering Group	ISL	IsoSpin Facility
IRTF	Internet Research Task Force	ISM	industrial security manual
IS	indicating switch	ISM	industrial staff member
IS	industrial safety	ISM	integrated safety management
IS	information services/systems	ISM	Integrated Safety Management
IS	infrasound	ISMS	Integrated Safety Management System
IS	interim status	ISNPS	Institute for Space and Nuclear Power Studies
IS	intermediate system	ISO	International Standards Organization
IS	isotope separation	ISOC	Internet Society
IS	isotopic source	ISODE	ISO Development Environment
ISA	industry-standard architecture (PC-AT)	IsoENET	Isochronous Ethernet (National Semiconductor)
ISA	instruction set architecture	ISO-SCM	isostatic statistical crack mechanics (model)
ISA	Instrument Society of America	ISP	international standard problem
ISA	integrated safety analysis	ISP	Internet service provider
ISAC	Indian Satellite Applications Center		
ISAM	indexed sequential file access method		
ISAR	integrated safety analysis report		
ISAS	Institute of Space and Astronautical Sciences (Japan)		
ISBN	International Standard Book Number		
ISC	Indian Space Commission		
ISC	industrial source complex (model)		
ISC	in strict confidence		
ISCA	Iowa Student Computer Association		

ISQIT	Information Systems Quality Improvement Team	ITO	International Technology Office, 9/79–8/81
ISR	indirect source review	ITP	individual training plan
ISR	input storage receiver	ITP	in-tank precipitation
ISR	Institutional Supporting Research	ITR	independent technical review
ISRD	Institutional Supporting Research and Development (now LDRD)	ITR	information technology resources
ISRG	Independent Safety Review Group	ITR	internal transfer report
ISRM	International Society for Rock Mechanics	ITRI	Inhalation Toxicology Research Institute (Lovelace, Albuquerque, NM)
ISRO	Indian Space Research Organization	ITS	Integrated Test Stand
ISS	isotope separation system	ITS	international technology and sensors
ISSE	(SCI systems evaluation)	ITSP	Integrated Technical Strategy Plan (ER project)
ISSM	integrated safeguards and security management	ITU	International Telecommunications Union
ISSN	International Standard Serial Number	ITV	interactive television
ISSO	Information Safeguards & Security Officer	ITVA	International Television Association
IST	in-service testing	ITWG	interim working group (AMI)
IST	in situ treatment	IU	industrial user
IST	integral system test	IUE	International Ultraviolet Explorer
ISTC	International Science & Technology Center	IUGS	International Union of Geological Sciences
ISTEA	Intermodal Surface Transportation Efficiency Act	IUPAC	International Union of Pure and Applied Chemistry
ISTM	International Society for Testing Materials	IUPAP	International Union of Pure and Applied Physics
ISTO	Information Science & Technology Office	IUTA	in-use technology assessment
ISTP	international solar terrestrial program	IVA	inductive voltage adder
ISTS	Ion Source Test Stand	IVCT	intervalence charge transfer
ISU	International Space University (Alabama)	IVHS	intelligent vehicle highway system
ISV	in situ vitrification	IVL	individual validated license
		IVML	In Vivo Measurements Laboratory
<b>IT–IZ</b>		IV&V	independent verification and validation
IT	ignition transformer	IW	industrial waste
IT	information technology	I&W	indications & warnings (intelligence)
IT	inner targets	IWC	in-stream waste concentration (CWA)
IT	innovative technology	IWD	integrated work document
IT	inspection traveler	IWG	interface working groups
IT	instrument test	IWMIS	industrial waste management information system
IT	International Technology Division	IWO	interim waste operations
IT	interstitial transfer	IWP	installation work plan
ITA	impact tester addition	IWPF	Idaho Waste Processing Facility
ITA	International Trade Administration	IWRC	independent wire rope core
ITAA	Information Technology Association of America (vendor group)	IWRP	industrial waste reduction program
ITAP	International Technology Advisory Panel	IWS	inactive waste sites
ITAR	International Traffic in Arms Regulations	IWS	intelligent workstation
ITC	interagency testing committee	IWS	ionizing wet scrubber
ITC	International Technology Corporation	IWS/LAN	intelligent workstation/local area network
ITC	International Trade Commission	IWWW	improving the way we work
ITC TRU	impractical to certify TRU	IX	ion exchange(r)
IT&E	Integration, Test and Evaluation	IXA	ion-excited x-ray analysis
ITEP	Institute of Theoretical and Experimental Physics (Moscow [Iran Chuvilo])	IXC	interexchange carrier (telephone; also IEC)
ITER	International Thermonuclear Experimental Reactor	IYB	in your basket
ITIS	integrated technical information services		
ITO	indium-tin oxide		

**J**

J	(field test)
J	Field Testing Division, 10/47–12/93
J	(LLL secret FRD code)
J-1	exchange visitor visa
JA	(Fossil Energy R&D fund type code)
JA	judge advocate
JACADS	Johnston Atoll Chemical Agent Disposal System
JACC	joint airborne command center
JAD	joint applications design/development
JAERI	Japan Atomic Energy Research Institute
JAIEG	Joint Atomic Information Exchange Group
JAMA	<i>Journal of the American Medical Association</i>
JAMSS	Japan Manned Space Systems Corporation
JAN	Joint Army-Navy specification
JANAF	Joint Army-Navy-Air Force
JANF	Joint Army-Navy facility/function?
JANFU	Joint Army-Navy foulup
JANP-	joint Army-Navy publication
JANUS	(interactive FORTRAN brigade-level combat simulator)
JANUS	joint army-navy staff
JANUS	(LLNL research laser, 1974)
JAPCA	<i>Journal of the Air Pollution Control Association</i>
JAROS	Japanese Resource Observation System Organization
JART	journal article
JASAT	joint antisatellite
JASIS	<i>Journal of the American Society for Information Science</i>
JAWPB	Joint Atomic Weapons Publications Board
JAX	(field design code)
JBUSDC	Joint Brazil-U.S. Defense Commission
JC	Johnson Controls, Inc. (usually JCI)
JCAE	Joint Committee on Atomic Energy
JCC	joint communications center (FEMA)
JCC	joint coordinating committee
JCI	Johnson Controls World Services, Inc.
JCIC	Joint Compliance & Inspection Commission
JCL	job control language
JCNNM	Johnson Controls Northern New Mexico
JCO	justification for continued operation
JCP	Joint Committee on Printing (U.S.)
JCS	Joint Chiefs of Staff
JCWG	joint configuration working group
JD	jury duty (attendance code)
JDT	joint draft text

**JE–JO**

JE	Johnson Engineering Corp.
JEG	joint evaluation group
JEM	Japanese Experimental Module
JENV	Environmental Department (JCI)
JERS	Japanese Earth Resources Satellite
JESSI	Joint European Semiconductor Consortium
JET	joint European torus (U.K. tokamak)
JFCOM	Joint Forces Command
JFET	Johnson field effect transistor
JFT	joint flight test
JHA	job hazard analysis
JHSE	JCI Health, Safety & Environmental Dept.
JHU	Johns Hopkins University
JJ	jet interaction
JIC	joint information center (FEMA)
JILA	Joint Institute for Laboratory Astrophysics (Boulder, CO)
JILT	joint integrated laboratory test
JIMP	Japanese Industry and Management of Technology, Center for the Study of, (UNM)
JIO	joint integration office
JIT	just in time
JJ	Josephson junction
JLAB	Thomas Jefferson National Accelerator Facility
JLC	justification for limited competition
JMA	Japanese Meteorological Agency
JMCA	John M. Cockerham and Associates
JMGR	JCI Site Management
JMIA	JCI Internal Auditor
JMM	Joule metal melter
JMLC	JCI Legal Counsel
JMSNS	justification of major system new start
JNACC	joint nuclear accident coordinating center
JNCC	Joint Nuclear Control Commission
JNCP	justification for noncompetitive procurement
JNFS	Japan Nuclear Fuel Services
JNT	Johnson Noise Thermometer
JOC	joint operations center (FEMA)
JOCO	jointly owned, privately operated
JOFOC	justification for other than full and open competition
JOWOG	joint working group (U.S./U.K.)
JOYO	(Japanese reactor)
<b>JP–JZ</b>	
JPA	joint permitting agreement
JPEG	Joint Photographic Experts Group
JPI	joint packaging instruction (Army-Navy)
JPL	Jet Propulsion Laboratory
JPO	joint program office

JPRS Joint Publications Research Service (FBIS)  
 JQAP Quality Assurance Department (JCI)  
 JRC Joint Reconnaissance Center (JCS)  
 JRCC joint radiological/radiation control center  
 JRO J. Robert Oppenheimer Fellowship  
 JROSC J. Robert Oppenheimer Study Center  
 JSA job safety analysis  
 JSC Johnson Space Center  
 JSD Jackson structured design  
 JSFT Health and Safety Department (JCI)  
 JSIG Joint Senior Implementing Group  
 JSP Jackson structured programming  
 JSP job safety practice  
 JSSP joint stockpile sampling program  
 JSTARS Joint Surveillance and Target Attack Radar System  
 JTA job task analysis  
 JTA joint test assembly  
 JTAGS joint tactical ground station  
 JTCA Japanese Technical Communication Association  
 JTEX Jemez Tomography Experiment  
 JTG joint test group  
 JTGCD joint task group coordination draft  
 JTGED joint task group evaluation draft  
 JTM job transfer and manipulation (telecom.)  
 JTS joint test subassembly  
 JTSA Joint Technical Support Activity, JCS  
 JTWG joint test working group  
 JTU Jackson turbidity unit  
 JVE Joint Verification Experiment  
 JvNC John von Neumann Center  
 JWG joint working group  
 JWKB Jeffreys-Wentzel-Kramers-Brillouin (see also WKB)  
 JWS joint work statement

**K**

K (carrying capacity)  
 K K-Site (TA-11)  
 K (LLL top secret FRD data code)  
 K Reactor Development Division, 9/54–6/70  
 K (Savannah River Laboratory reactor)  
 KA Kaiser Engineering  
 KA9Q TCP/IP for packet radio  
 KAERI Korean Atomic Energy Research Institute  
 KAFB Kirtland Air Force Base (Albuquerque, NM)  
 KAK key-auto-key  
 KamLAND Kamioka liquid scintillator anti-neutrino detector  
 Kap. *Kapitel*; chapter (German)  
 KAPL Knolls Atomic Power Laboratory  
 KAPPA Kappa Site (TA-36)

KC Kansas City Plant  
 KC key concern  
 KCAO Kansas City Area Office  
 KCC keyboard communications concentrator  
 KDC key distribution center  
 KD0 Key Decision 0  
 KE kinetic energy  
 KEK (National Laboratory for High-Energy Physics, Japan)  
 KEPRI Korea Electric Power Research Institute  
 KET kinetic energy transfer  
 KEW kinetic energy weapon  
 KF key finding  
 KFA *Kernforschungsanlage-Jülich GmbH.*  
 KfK *Kernforschungszentrum Karlsruhe*  
 KFL key facilities list  
 KFLX (computer code)  
 KIVA (buildings housing critical assemblies, TA-18)  
 KIVA (finite-difference code for dynamics of reactive multi-D fluids [1985]; KIVA-II, KIVA-3)

**KK – KZ**

KKV kinetic kill vehicle  
 KM Kirk-Mayer, Inc. (also KMI)  
 KMR Kwajalein Missile Range  
 KNGR Korean next-generation reactor  
 KOALAS Knowledgeable Observation Analysis Advisory System  
 KOR knowledge of results  
 KP potassium perchlorate  
 KrF krypton fluoride (laser)  
 KSC Kagoshima Space Center (Japan)  
 KSC Kennedy Space Center (Cape Canaveral)  
 KSH Korn shell (programming)  
 K-T Cretaceous-Tertiary (geologic boundary; also C-T)  
 KTP potassium titanyl phosphate  
 KTR Kauai Test Range  
 KWU *kraftwerk union angeseellschaft*

**L**

L Laser Research and Technology Division, 2/72–3/81  
 L leave without pay (attendance code)  
 L limited security clearance  
 L (LLL secret RD-CNWDI data code)  
 L L-Site (TA-12)  
 LA Laboratory of Anthropology  
 LA license application  
 LA limited area (security)  
 LA load allocation  
 LA local alarm  
 LA Los Alamos (publication)

LA 2000	Los Alamos 2000 Strategic Planning and Allocation	LAM	large aperture module (laser)
LAA	lead agency attorney	LAM	longitudinal acoustic mode
LAACG	Los Alamos Accelerator Code Group	LAM	Los Alamos Airport (code)
LAAO	see OLASO	LA-M	Los Alamos manual (report designator)
LAAO	Los Alamos Area Office (DOE)	LAMC	Los Alamos Medical Center
LAAO-ES&H	Los Alamos Area Office/Environment, Safety & Health Branch	LAMESA	LAMESA code; LAMESA REACTR module
LAAO-FOB	Los Alamos Area Office/Facilities Operations Branch	LAMP	Lake Acidification Mitigation Project (EPRI)
LAAO-PMB	Los Alamos Area Office/Project Management Branch	LAMPF	(Clinton P. Anderson) Los Alamos Meson Physics Facility
LAAS	local area augmentation system	LAMPFII	LAMPF upgrade
LAAUW	Los Alamos Area United Way	LAMPRE	Los Alamos Molten Plutonium Reactor Experiment
LA Avgas	Los Alamos Aviation Gas Association	LA-MS	Los Alamos manuscript (report designator)
LABCOM	U.S. Army Laboratory Command	LAN	local area network
LABNET	Los Alamos National Laboratory (closed circuit television) network	LANC	local area network control (Sony)
LABS	Los Alamos Bright Source	LANDD	liquid argon nucleon decay detector
LABS I/II	Los Alamos Bright Source Laser Facility	LANDSAT	land-use satellite
LA Bus	Los Alamos Bus System	LANFZT	Latin American Nuclear Free Zone Treaty
LAC	Los Alamos County	LANL	Los Alamos National Laboratory (since 1/1/81; previously LASL)
LA-C	Los Alamos conference (report designator)	LANMAS	Local Area Network Material Accounting System
LACAP	Los Alamos Civil Air Patrol	LANSCE	Los Alamos Neutron Science Center
LA-CC	Los Alamos computer code	LANUG	Los Alamos NeXT Users Group
LACE	Low-power Atmospheric Compensation Experiment	LAO	Laboratory Assessment Office
LACEF	Los Alamos Critical Experiments Facility	LAP	Laboratory Accreditation Program (DOE)
LACFD	Los Alamos County Fire Department	LA-P	Los Alamos proposal (report designator)
LACHESIS	laterally archiving containment, health, environment & safety system	LAPB	link access procedure balanced (telecom.)
LACHEX	Los Alamos Chess Experiment	LAPD	link access protocol-D channel
LA-CP	Los Alamos controlled publication	LAPD	Los Alamos Police Department
LAD	license application design	LAPD	Los Angeles Police Department
LADAR	laser distancing and ranging	LAPIS	Los Alamos, Plutonium Isotopic System
LADS	large acceptance detector system	LApp	Los Alamos polycrystal plasticity (code)
LADT	local area data transport	LAPP	Los Alamos portable pulser
LAEP	late auditory-evoked potential (biophys)	LA-PR	Los Alamos progress report (designator)
LAER	lowest achievable emission rate	LAPRE	Los Alamos Power Reactor Experiment
LAFD	Los Alamos Fire Department	LARC	Livermore Automatic Research Computer
LAFM	Los Alamos Fuel Model	LARI	Los Alamos radiometric instrument
LAFO	Los Alamos Field Office	LAS	laser aerosol spectrometer
LAFPHA	Los Alamos field pulse height analyzer	LAS	library access system
LAFUC	Los Alamos Fleet Users Committee	LAS	linear alkyl sulfonate
LAGEOS	laser geodetic earth orbiting satellite	LAS	<i>Los Alamos Science</i>
LAGEOS	laser-ranged geodynamic satellite	LAS	Los Angeles Shop (TA-44)
LA-H	Los Alamos history (report designator)	LASAN	(basis systems analysis code)
LAHCP	Los Alamos Health Care Plan	LASCAR	large-scale reprocessing
LA-HDR	Los Alamos Hot Dry Rock (project or publication designator)	LASCP	Los Alamos Site Characterization Program
LAHET	Los Alamos high-energy transport (system/code)	LASL	Los Alamos Scientific Laboratory
LAHS	Los Alamos High School	LASMA	laser ablation source mass analyzer (CAA)
LAICS	Los Alamos Integrated Communications System	LASNEX	(Los Alamos ICF design code)
LALP	Los Alamos Laboratory publication	LASO	Los Alamos Site Office
		LA-SOP	Los Alamos standard operating procedure (designator)



LED	light-emitting diode	LGN	lateral geniculate nucleus
LEDA	low-energy demonstration accelerator	LGP	low gas pressure
LEDO	laboratory emergency duty officer	LH	left hand
LEF	linear electric field	LH	low head
LEFCS	low-energy fusion cross section	LHC	large hadron collider
LEFD	linear electric field device	LHCS	long-haul communications system
LEGM	low-energy gamma monitor	LHD	large helical device
LEH	laser entrance hole	LHD	load haul dump
LEHR	Laboratory for Energy-Related Health Research	LHGR	linear heat generation rate
LEL	lower explosive limit	LHR	left hand reverse
LENA	Laboratory for Experimental Nuclear Astrophysics	LHS	left-hand side
LENS	Large Enthalpy National Shock (facility)	LI	length indication (telecom.)
LENS	low energy solar neutrino spectroscopy	LI	line item
LEO	low Earth orbit	LIB	laser-induced breakdown
LEP	laboratory evaluation program	LIBC	Cray C library
LEP	large electron positron (CERN collider)	LIBS	laser-induced breakdown spectroscopy
LEP	laser-evoked potential (biophysics)	LIC	low-intensity conflict
LEPC	local emergency planning commission/committee	LICP	line item construction project
LEPC	low-energy pion channel	LIDAR	light detection and ranging
LEPD	Legal Enforcement Policy Division (EPA)	LIF	laser-induced fluorescence
LEPP	liquid effluent pretreatment	LIFO	last-in, first-out
LEPS	low-energy physics support	LIFS	lower internal facility shields
LER	LANSCE/Energy Research Programs	LIG	Laboratory implementation guidance
LER	licensee event report	LIGO	laser interferometric gravity wave observatory
LERC	laboratory environmental review committee	LILO	last-in, last-out
LeRC	Lewis Research Center (NASA)	LIM	Laboratory Information Management team (division directors)
LES	low-energy system	LIMB	limestone-injection, multistage burner
LESAT	Lockheed Environmental Systems and Technologies Company	LiMB	listing of molecular biology databases
LET	linear energy transfer	LIME	laser-induced microwave emissions
LET&D	Liquid Effluent Treatment and Disposal Liability Act	LIM EMS	Lotus-Intel-Microsoft Expanded Memory Specification
LETF	liquid effluent treatment facility	LIMS	laboratory inventory measurements system
LEU	license to export uranium	LINAC	linear accelerator (usually linac)
LEU	low enriched uranium	LINDA	laser-induced neutralization diagnostic approach
LEX	low-resolution x-ray spectrometer	LIO	load in/out
LF	launch facility	LIP	line item project
LF	linear feet	LIPS	Laboratory integrated prioritization system
LF	line feed	LIPS	laser impulse space propulsion
LF	low frequency	LIPS	logical inferences per second
LFATS	low-flow alternative (filter) test system	LIR	Laboratory implementation requirements
LFBR	liquid fluidized bed reactor	LIRAQ	Livermore Regional Air Quality Model
LFE	laminar flow element	LIS	laser (uranium) isotope separation
LFI	low fire interlock	LIS	lethality test system
LFL	lower flammability limit	LISBMS	Laboratory Integrated Standards Based Management System
LFR	live-fire range	LISP	list processing (program)
LFS	low flammability, low sensitivity (explosive)	LIST	layered instructional systems for training
LFT	large fragment test	LITE	low-intensity transport equipment
LGATE	Los Alamos graphics tool environment	<b>LJ-LN</b>	
LGF	liquefied gaseous fuels	LJ#	Laboratory Job Number
LGFSTF	liquefied gaseous fuel spill test facility (NTS)	LL	lessons learned

LLAP	LOCA Limits Analysis Package	LO	low-observable
LLBL	low-latitude boundary layer	LOA	leave of absence
LLC	Laboratory Leadership Council	LOA	letter of agreement/administration
LLC	lessons-learned committee	LOAEL	lowest observed adverse effects level
LLC	limited-life component	LOC	letter of credit
LLC	logical link control	LOC	level of concern
LLCE	limited-life component exchange	LOC	line of code
LLD	lower level of detection	LOC	lines of communication
LLD	low-level dose	LOCA	loss-of-coolant accident
LLE	Laboratory for Laser Energetics	LOCC	launch operations control center, VAFB
LLL	Lawrence Livermore Laboratory (now LLNL)	LOCC	local operations and classical communication
LLMW	low-level mixed waste	LOCE	loss-of-coolant experiment
LLNL	Lawrence Livermore National Laboratory	LOD	limit of detection
LLO	lead laboratory office	LODTM	large-optics diamond turning machine (LLNL)
LLRF	low-level radio frequency	LOE	level of effort/edit
LLRW	low-level radioactive waste	LOE	limit of error
LLRWPA	Low-Level Radioactive Waste Policy Act	LOEL	lowest observed effects level
LLS	laser-light scattering	LOF	loss of feedwater/flow
LLSW	low-level solid waste	LOFT	loss-of-fluid test (INEL experiment)
LLW	low-level (radioactive) waste	LOFW	loss of feedwater
LLWDDD	low level waste disposal development demonstration	LOG	large-orbit gyrotron
LLWDF	Low-level Waste Disposal Facilities	LOHP	labor occupational health program
LLWPA	Low-Level Waste Policy Act	LOHS	loss of heat sink
LLWPSS	low-level waste processing and shipping system	LOI	letter of instruction
LLWS	low level wind shear	LOI	loss on ignition
L&M	L&M Drafting Service	LOIS	loss of interim status (SDWA)
LMC	Large Magellenic Cloud	LOMICS	low-energy magnetospheric ion composition sensor
LMC	least material condition	LONGZ	(long-term terrain model)
LMD	Laboratory Managers Division	LOP	loss of power
LME	liquid-metal embrittlement (cracking)	LOPA	loss-of-pumping accident
LMF	Laboratory Microfusion Facility	LOPI	loss of piping integrity
LMF	logical mainframe	LOQ	level of quantitation
LMFBR	liquid-metal fast-breeder reactor	LOQ	limit of quantification
LMHC	Lockheed Martin Hanford Corp.	LOQC	linear optics quantum computing
LMI	laser/materials interaction	LORAX	long range alarm system
LMJ	laser mega joule	LORW	loss of river water (also LRW)
LMO	last man out	LOS	limit of sensitivity
LMPT	Laboratory material property transfer	LOS	line of sight
LMR	labor-management relations	LOSAC	low specific activity counter
LMR	land mobile radio	LOSH	labor occupational safety & health program
LMR	liquid-metal reactor	LOSP	loss of system pressure
LMRF	library material request form	LOT	letter of transmittal
LMS	least mean square	LOTO	lockout/tagout
LMSC	Lockheed Missiles and Space Company	LOU	letter of understanding
LMSI	Lockheed Martin Services, Inc.	LOW	launch on warning
LMXRB	low-mass x-ray binary	LOW	liquid observation well
LN	logarithm, Napierian	LOX	liquid oxygen
LNAPL	light nonaqueous phase liquid	LP	Laboratory procedure
LNG	liquefied natural gas	LP	legislative proposal
LNL	linear/nonlinear learning	LP	line printer
LNP	loss of normal power	LP	liquid propellant
		LP	low pressure
<b>LO-LR</b>		LPARL	Lockheed Palo Alto Research Laboratory
LO	locked open		

LPC	laser particle counter		
LPC	limiting permissible concentrations		
LPC	Livermore Projects Committee (LLL)		
LPC	long-period comet		
LPCI	low-pressure coolant injection		
LPCO	Laboratory Policy Coordination Office		
LPCTB	low power cryogenic test bed		
LPCVD	low-pressure chemical vapor deposition		
LPD	log periodic dipole		
LPE	low probability of exploitation		
LPG	liquefied petroleum gas		
LPG	low-pressure gas		
LPI	laser plasma instability		
LPI	low-pressure injection		
LPI	low probability of intercept		
LP I/C	liquid propellant injector/combustor		
LPN	low-pressure nitrogen		
LPO	loop phase offset		
LPP	long plenum plug(s)		
LPQ	line printer queue		
LPR	Laboratory performance requirement		
LPR	Laboratory property removal form		
LPR	liquid-phase polymer-based retention		
LPR	low-pressure receiver		
LPRC	Laboratory Process Review Committee		
LPRL	Laboratory Property Removal/Loan form		
LPRM	local power range monitor		
LPRM	low-power range monitor		
LPRSX	low-pressure recirculation system heat exchanger		
LPRT	Laboratory project review team (EM/ER)		
LPSS	long-pulse spallation source		
LPSU	Liquid Propulsion Systems Unit (India)		
LPSW	low-pressure service water		
LPT	line printer (port)		
LPX	long-pulse experiment		
LPZ	low population zone		
LQD	low-Q diffractometer		
LQPO	Laboratory Quality & Planning Office		
LRAD	long-range alpha detector		
LRC	longitudinal redundancy check		
LRED	laser resonant electron detection		
LREH	Laboratory of Radiobiology and Environmental Health		
LRF	laser resonance fluorescence		
LRG	Laboratory Retirees Group		
LRIP	LANSCe reliability improvement project		
LRL	Lawrence Radiation Laboratory		
LRMECS	low-resolution medium energy chopper system; spectrometer at IPNS		
LRP	long range plan		
LRP	long-rod penetrator		
LRPC	Laboratory Review Process Committee		
LRR	leak and repair reports		
LRTNF	long-range theater nuclear force(s)		
LRU	least recently used		
LRW	loss of river water (event or accident)		
		<b>LS-LT</b>	
		LS	leave without pay—employee sick
		LS	level switch
		LS	Life Sciences Division, 8/79–
		LS	lighting system
		LS	Lunar Scout
		LS	(Sandia Laboratories, Livermore)
		LSA	labor surplus area (purchasing)
		LSA	low specific activity (radioactivity)
		LSCD	liquid/supercritical carbon dioxide
		LSD	land surface, depth from
		LSD	large size dry
		LSD	least significant digit
		LSF	load sharing facility
		LSFF	low-speed flow filtration
		LSI	large-scale integration
		LSI	legal support inspection (CWA)
		LSI	listing site inspection
		LSIR	limb-scanning infrared radiometer
		LSL	link support layer
		LSL	lump sum leave
		LSM	layered synthetic microstructure
		LSND	liquid (large) scintillator neutron/neutrino detector
		LSO	laser safety officer
		LSO	lutetium oxyorthosilicate
		LSP	Laboratory Standards Project
		LSP	Laboratory Suggestion Program
		LSP	lightest super symmetric particle
		LSS	laser subsystem
		LSS	licensing support system
		LSSS	limiting safety system settings
		LST	local standard time
		LST	low-solvent technology
		LSTB	limited strategic test ban
		LSTF	Large Scale Test Facility (Japan)
		LSTIS	Laboratory Scientific and Technical Information System
		LT	lead time
		LT	leak testing
		LT	level transmitter
		LT	lieutenant (also Lt.)
		LT	lockout/tagout training (electrical)
		LT	Los Alamos Technical Associates (usually LATA)
		LTA	lead test assembly
		LTA	lead trial attorney
		LTA	less-than-adequate
		LTB	lithium tetraborate
		LTBT	Limited Test Ban Treaty
		LTC	lieutenant colonel
		LTC	load tap charger
		LTC	longitudinal time code (AV standard)
		LTC	low tritium column
		LTD	land treatment demonstration
		LTD	long-term disability

LTDC	long-term data collection
LTE	local thermodynamic equilibrium
LTG	laboratory test group
LTG	lieutenant general
LTHWR	low-temperature heavy-water reactor
LTI	Life Tech, Inc.
LTL	less-than-truckload (transportation)
LTM	long-term memory
LTM	low-trajectory missile
LTNE	low-technology nuclear explosive
LTO	Laboratory Training Office
LTO	landing-takeoff cycle
LTOP	lease to purchase
LTP	lockout/tagout permit
LTP	long-term potentiation
LTPD	lot tolerance percent defective
LTQ	leadership through quality (DOE/AL)
LTR	lead technical representative
LTR	licensing topical reports
LTRA	long-term response actions
LTS	low-temperature sensitization
LTSS	Livermore time-sharing system
LTU	laboratory test unit
LTV	large test vessel
LTVSM	long-term visiting staff member

**LU–LZ**

LU	Lehigh University
LU	logical unit
LU	lower-upper
LUA	launch under attack
LUST	leaking underground storage tank
LVA	local vendor agreement (was BPA)
LVCVA	Las Vegas Convention & Visitors Authority
LVD	large volume detector
LVDT	linear variable differential transducers
LVMPD	Las Vegas Metropolitan Police Dept.
LVQ	learning vector quantization
LVS	laser vibration sensor
LWBR	light-water breeder reactor
LWC	lost workday cases
LWC	low water cutout
LWCF	land and water conservation fund
LWD	lost work day
LWIR	long-wave infrared
LWIR	Long Wavelength Infrared Senses
LWOP	lease with option to purchase
LWOP	leave without pay
LWP	liquid waste processing
LWR	light-water reactor
LWRP	Livermore Water Reclamation Plant
LWTP	liquid waste treatment plan/plant
LYNER	low-yield nuclear explosive research
LYTTBT	low-yield threshold test ban treat