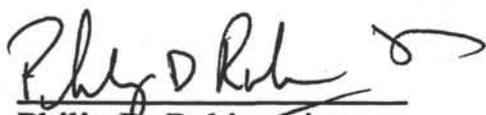


Stone Soup

Acronyms and Abbreviations Used in the Ocean Drilling Program

Ocean Drilling Program
Texas A&M University
Technical Note No. 13

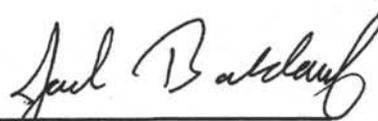
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INTRODUCTION

This Technical Note has been developed to facilitate communication between representatives from various disciplines. The list presented in the following pages represents a compilation of acronyms and abbreviations commonly used by the Ocean Drilling Program/Joint Oceanographic Institutions for Deep Earth Sampling (ODP/JOIDES) personnel and incorporates terminology relevant to science and engineering, operations, computers services, publishing, and curation of the Ocean Drilling Program.

STONE SOUP

- A&G-DPG [JOIDES]** Atolls and Guyots
Detailed Planning Group
- AABW [science]** Antarctic Bottom Water
- AAPG** American Association of Petroleum Geologists
- AAS [science]** atomic-absorption spectroscopy
- AASP** American Association of Stratigraphic Palynologists
- ABM [publications]** assigned board member (of the ERB)
- ABS [logistics]** American Bureau of Shipping
- ACAD** computer-aided drafting (a.k.a. AUTOCAD, CAD, CADD)
- ACT [logging]** neutron porosity (Cf source) logging tool (aluminum clay tool)
- AD [drilling]** assistant driller
- A/D [science]** Analog to Digital Converter
- AEG** Association of Engineering Geologists
- AF [science]** alternating field (demagnetization); [logistics] air freight
- AGI** American Geological Institute
- AGU** American Geophysical Union
- AMS [logging]** auxiliary measuring sonde (a Schlumberger tool that can be added to any digital string to give temperature and tension measurements); [science] anisotropy of magnetic susceptibility
- APC [drilling]** advanced hydraulic piston corer
- API** American Petroleum Institute; [computers] application programming interface
- ARM [science]** anhysteretic remanent magnetization
- ARP [JOIDES]** Atlantic Regional Panel
- ASCII [computers]** American Standard Code for Information Interchange
- ASK [ship]** automatic station keeping (see DPS)
- atm [science]** atmospheres
- AWB [logistics]** airway bill for air-freight shipments
- AWG** Association for Women Geoscientists
- AZ [science]** acme zone (biostratigraphy)
- B.A.S.** British Antarctic Survey
- bbl [drilling]** barrel (unit of measure)
- BBS [computers]** bulletin-board system
- bcc** blind courtesy copy
- BCOM [JOIDES]** Budget Committee
- BGDS [drilling]** bit-guide deployment system
- BGR** Bundesanstalt für Geowissenschaften und Rohstoffe (Federal Republic of Germany)
- BGS** British Geological Survey
- BHA [drilling]** bottom-hole assembly
- BHC [logging]** borehole compensated sonic logging tool
- BHP [logging]** bottom hole pressure
- BHT [logging]** bottom hole temperature
- BHTV [logging]** borehole televiewer downhole tool
- BHV [logging]** Baker Hughes Video
- BIOS [computers]** basic input/output system
- B/L [logistics]** bill of lading for surface (ocean) freight
- BLAST [computer/communications]** BLocked ASynchronous Transmission; protocol used for PMAIL or telexes over Marisat
- BMR** Bureau of Mineral Resources (Australia)

- bomb** [science/drilling] pressure-measuring device or sample container
- BOMB** [curation] carbonate analysis (sample designation ~ mostly defunct)
- BOP** [drilling] blowout preventer
- BOS** [drilling] back-off sub
- BP** British Petroleum
- BPH** [drilling] breakaway piston head (for APC)
- brf** [drilling] below rig floor (as in mbrf: meters below rig floor, by drill-pipe measurement)
- BRG** Borehole Research Group, Lamont-Doherty Earth Observatory
- BRGM** Bureau de Recherches Géologiques et Minières (France)
- BSE** [science] back-scattered electron
- bsf** [science] below seafloor (as in mbsf: meters below seafloor)
- bsl** [science] below sea level (as in mbsl: meters below sea level; corrected--using ship's draft-from drill-pipe measurements)
- BSR** [science] bottom-simulating reflector
- BT** [science] bathythermograph (as in XBT: expendable bathythermograph)
- btu** [science] British thermal unit
- BVA** [drilling] ball-valve assembly
- BW** [drilling] borehole water
- C_{org}** [science] organic carbon
- C₁/C₂** [science] methane/ethane ratio
- C₆₊** [science] hexane and higher hydrocarbons
- CAD** computer-aided design and drafting (a.k.a. AUTOCAD, ACAD, CADD)
- CADA** [drilling] cam-actuated drill-ahead; feature of DQ running tool system
- CALI** [logging] caliper logging tool
- CAP-DPG** [JOIDES] Cascadia Accretionary Prism Detailed Planning Group
- CASSI** Chemical Abstracts Service Source Index
- CB** [drilling] center bit
- cc** carbon copy (anachronistic term!)
- CCD** [science] carbonate compensation depth
- CD-ROM** [computers] compact disc--read-only memory
- CDS** [drilling] colleted delivery system
- CEPAC** [JOIDES] Central and Eastern Pacific Panel
- CEPDPG** [JOIDES] Central and Eastern Pacific Detailed Planning Group
- CFP**- Compagnie Française du Pétrole (France)
- cgs** [science] centimeter-gram-second system of units
- CHEMDB** [ODP] database program for carbonate, interstitial water, gas chromatography, and Rock-Eval analysis results
- CHL** [drilling] core height logger (electronics unit of SCM system)
- CHN** [science] carbon-hydrogen-nitrogen analyzer
- CMD** [drilling] cable measuring device
- CNRS** Centre Nationale de Recherche Scientifique (France)
- CNS** [science] carbon-nitrogen-sulfur analyzer
- CNT-G** [logging] thermal and epithermal neutron porosity (Am/Be source) logging tool (Schlumberger version G)
- CORELOG** [ODP] database program for core-inventory information
- CORK** [drilling] reentry cone seal and instrument feed thru
- COSOD** Conference on Scientific Ocean Drilling
- COST** [science] Continental Offshore Stratigraphic Test
- CPA** [ship] closest point of approach, in nmi
- cps** [science] counts per second or cycles per second
- CPI** [science] carbon preference index
- CPU** [computers] central processing unit
- CRC** [science] concurrent range zone (biostratigraphy)
- CRM** [science] chemical remanent magnetization
- CSDP** [JOIDES] Continental Shelf Drilling Program
- CSES** [drilling] conical side-entry sub
- CSG** [ODP] Computer Services Group (obsolete)
- CSU** [logging] cyber service unit
- CT** [drilling] coring technician
- CY** calendar year
- D5BC** [ship] radio call sign of *SEDCO/BP 471*
- DAC** [computers] digital-to-analog converter
- DARPA** Defense Advanced Research Projects Agency (U.S. Navy)
- DBMI** [drilling] drill-bit motion indicator
- DC** [drilling] drill collar; [electronics] direct current
- DCB** [drilling] diamond core barrel

- DCE** [computers] distributed computing environment
- DCS** [drilling] diamond coring system
- DDE** [computers] dynamic data exchange
- DEC** [computers] Digital Equipment Corporation
- DES** [drilling] dual-elevator stool on the rig floor (the top of the DES is the point from which drill-pipe measurements are made)
- DFD** [science] data-file documents
- DI-BHA** [drilling] drill-in bottom-hole assembly
- DIC** [drilling] drill-in casing
- DIL** [logging] dual induction log (resistivity)
- DITE** [logging] digital dual induction tool (resistivity), a.k.a. phasor induction tool
- DLL** [logging] dual laterolog (resistivity)
- DMI** [computers] desktop-management interface
- DML** [logging] downhole measurements laboratory aboard *JOIDES Resolution* (a.k.a. DHML and DHL)
- DMP** [JOIDES] Downhole Measurements Panel
- DOS** [computers] Disk Operating System
- DOSECC** Deep Observation and Sampling of the Earth's Continental Crust
- DP** [ship] dynamic positioning; [drilling] drill pipe; [computer] data processing
- DPG** [JOIDES] Detailed Planning Group
- DPM** [drilling] drill-pipe measurement
- DPO** [ship] dynamic positioning operator
- DPS** [ship] dynamic positioning system
- DQ** [drilling] Dril-Quip, manufacturer of casing running tools
- DR** [ship] dead reckoning
- DRB** [drilling] DCS retractable bit system
- DRM** [science] depositional remanent magnetization
- DS** [drilling] drilling superintendent
- DSDP** Deep Sea Drilling Project
- DSRV** [science] deep submersible research vessel
- DSS** [drilling] deep sound (sonic) source, 3.5-kHz bottom profiler deployed on drill string
- DST** [drilling] drill-stem test
- DTD** [computers] document-type definition
- DW** [drilling] draw works
- ECOD** European Science Foundation (ESF) Consortium for the Ocean Drilling Program
- ECR** [ODP] East Coast Repository at LDEO; [ship] ship's engine-control room
- EDI** [computers] electronic data interchange
- EDO** EDO-Western, manufacturer of reentry sonar system and seismic recorders
- EDS** [science] energy dispersive spectrometry
- EEZ** Exclusive Economic Zone
- EI** [computers] electronic imaging
- EIA** [computers] enterprise information architecture
- e-mail** [computers] electronic mail
- EMCO** ESF Management Committee for the ODP
- EMD** [ship] electromotive diesel (engines and electric motors)
- EMR** Department of Energy, Mines and Resources (Canada)
- EOM** [science] extractable organic matter
- EMS** [drilling] electronic multishot instrument
- EPR** [science] East Pacific Rise
- EPR-DPG** [JOIDES] East Pacific Rise Detailed Planning Group
- EPS** [computers] encapsulated PostScript
- ERB** [publications] Editorial Review Board
- ESCO** ESF Scientific Committee for ODP
- ESF** European Science Foundation (in terms of ODP, "the European Science Foundation Consortium for the Ocean Drilling Program": Belgium, Denmark, Finland, Greece, Iceland, Italy, The Netherlands, Norway, Spain, Sweden, Switzerland, and Turkey)
- ET** [ODP] electronics technician
- ETA** estimated time of arrival
- ETD** estimated time of departure
- ETH** Eidgenössische Technische Hochschule (Switzerland)
- EX** [science] extinction
- EXCOM** [JOIDES] Executive Committee
- FA or FAD** [science] first-appearance datum (biostratigraphy)
- FAMOUS** [science] Franco-American Mid-Ocean Undersea Study
- FCO** [science] first common occurrence (biostratigraphy)
- FCSP** [curation] final cruise sampling program (end-of-cruise summary of each sample request for a leg; included in Hole Summary)

- FEA** finite-element (stress) analysis
FFF [drilling] free-fall funnel (a.k.a. minicone)
FH [drilling] full hole
FID [science] flame ionization detector (gas chromatography)
FMS [logging] Formation Microscanner logging tool
FO [science] first occurrence (biostratigraphy)
FPAPWG [JOIDES] Fluid Processes in Accretionary Prisms Working Group
FRG Federal Republic of Germany
FTP [computers] file-transfer protocol
FUBAR fouled up beyond all recognition
FY fiscal year
FYF for your files
FYI for your information
FZ [science] fracture zone
GC [science] gas chromatograph; [DSDP] *GLOMAR Challenger*
GCR [ODP] Gulf Coast Repository at TAMU
GEBCO General Bathymetric Chart of the Oceans
GEOMAR F.R.G. Research Center for Marine Geosciences
GEOPROPS geophysical properties tool
GEOREF geological reference database of the American Geological Institute
GER [curation] Geriatric Core Study
GIS Geoscience Information Society; geographic information system(s)
GMT Greenwich Mean Time (replaced by UTC)
go-devil [logging] a tool that free-falls down the drill pipe
GPIT [logging] three-axis magnetometer-inclinometer logging tool (also G-PIT)
gpm [drilling] gallons per minute (pump rate)
GPS [ship] Global Positioning System (satellite navigation system)
GQL [computers] graphical query language
GR [logging] natural gamma-ray logging tool
GRAPE [science] gamma-ray attenuation porosity evaluator (bulk-density analyzer)
GS [drilling] overshot for wireline coring
GSA Geological Society of America
GSC Geological Survey of Canada
GSGP [JOIDES] Global Sedimentary Geology Program
GST [logging] induced gamma-ray spectroscopy logging tool
HARVI [ODP] database program for visual descriptions of hard-rock cores
HBR [drilling] hydraulic bit release (obsolete)
HC [drilling] heave compensator; [science] hydrocarbons
HEE [drilling] high-energy engineering (pipe-severing system)
HF [science] heat flow; high frequency; hydrofluoric acid
HFSE [science] high-field-strength elements
HFU heat-flow units
HI [science] hydrogen index
HIG Hawaii Institute of Geophysics (University of Hawaii)
HLDT [logging] slim-hole lithodensity logging tool
HP Hewlett-Packard
HPC [drilling] hydraulic piston corer (replaced by the advanced hydraulic piston corer, APC)
HRB [drilling] hard-rock guide base
HREE [science] heavy rare-earth element(s)
HRGB [drilling] hard-rock guide base
HRO [drilling] hard-rock orientation
HRTIN [ODP] database program for hard-rock thin-section descriptions
HS [drilling] head sub
HVDYN [drilling] heave dynamics drill-string program
HWDJ [drilling] heavy-wall drilling joint
IADC International Association of Drilling Contractors
IAPSO International Association for the Physical Sciences of the Oceans (provides bottled standard seawater for analytical calibrations)
IBM International Business Machines (used generically as a term to describe personal computers)
ICP [science] inductively coupled plasma spectroscopy
ID inside diameter
IDAS isothermal decompression analysis system
IDSS [drilling] instrumented drill-string sub
IDW [drilling] integrated depth wheel; [science] Indian Deep Water
IFP Institut Français du Pétrole (France)
IFREMER Institut Français de Recherche pour l'Exploitation de la Mer (France)

- IGC** International Geological Congress
IHP [JOIDES] Information Handling Panel
ILD [logging] deep induction resistivity
ILM [logging] medium induction resistivity
ILP [JOIDES] International Lithosphere Program
ILW [science] International Low Water
INAA [science] instrumental neutron activation analysis
IOC Intergovernmental Oceanographic Commission
IOP [JOIDES] Indian Ocean Panel
IPG Institut de Physique du Globe (France)
IPOD International Phase of Ocean Drilling
IR [drilling] iron roughneck; [science] infrared; insoluble residue; [publications] *Initial Reports of the Proceedings of ODP*
IRM [science] isothermal remanent magnetization
IS [computers] information system(s)
ISD [ODP] Information Services Department
ISS [science] ion-scattering spectrometry
IT [computers] information technology
IW [curation] interstitial water (sample designation)
JOI Joint Oceanographic Institutions, Inc.
JOI-BOG [JOI] JOI Board of Governors
JOIDES Joint Oceanographic Institutions for Deep Earth Sampling
JPL Jet Propulsion Laboratory
JD Julian Day
KB [drilling] kelly bushing
KFZ [science] Kane Fracture Zone
K/T [science] Cretaceous/Tertiary boundary
KTB German continental deep-drilling project
KWG [JOIDES] Kerguelen Working Group
LA or LAD [science] last-appearance datum (biostratigraphy)
LAN [computers] local-area network
LANL Los Alamos National Laboratory
LAS [science] laboratory automation system
LAST [logging] lateral-stress tool
LBL Lawrence Berkeley Laboratory
LCD [computers] liquid crystal display
LD [drilling] lay down
LDEO Lamont-Doherty Earth Observatory (formerly LDGO)
LDGO Lamont-Doherty Geological Observatory (now LDEO)
LDT [logging] lithodensity logging tool
LEGS [ODP] database program to write reports with leg, site, hole, and core-recovery information
LEL [safety] lower expansive limit
LFV [drilling] lockable float valve
LH [drilling] left hand
LILE [science] large ion lithophile element
LITHP [JOIDES] Lithosphere Panel
LLD [logging] deep laterolog
LLS [logging] shallow laterolog
LO [ODP] laboratory officer; [science] last occurrence (biostratigraphy)
LOI loss on ignition
LREE [science] light rare-earth element(s)
LRP [JOIDES] long range plan
LSB [drilling] lower support bearing
LSS [logging] long-spaced sonic logging tool
Ma [science] million years (ago)
Mac [computers] Apple Macintosh computer
MAR [science] Mid-Atlantic Ridge
MARK [science] Mid-Atlantic Ridge Kane Fracture Zone
MATMAN [logistics] ODP (materials management) inventory database system
MAXIS [logging] multi-tasking acquisition and imaging system
MBR [drilling] mechanical bit release
mbrf [drilling] meters below rig floor
mbsf [science] meters below seafloor
mbsl [science] meters below sea level
MCD [logging] caliper tool, measures hole diameter
MCS [science] multichannel seismic; [logging] multichannel sonic (12-channel) logging tool
MCT [drilling] motor control transformer
M-D [drilling] Martin-Decker rig-weight indicator
MDCB [drilling] motor-driven core barrel (replaces NCB)
MHS [computers] message-handling system
MIB [computers] management information base
MIS [computers] management information system(s)
ML [logging] microlog
MODU Mobile Offshore Drilling Unit
Moho [science] Mohorovicic discontinuity
MOM [ship] SEDCO's Marine Operations Manual
MORB [science] mid-ocean-ridge basalt
MOU Memorandum of Understanding

- MRT** [science] maximum-reading thermometer
MSA Mineralogical Society of America
MSDS [logistics] Marine Science and Development Shop (SIO); [OSHA] Material Safety Data Sheet
MSL mean sea level
MSP [curation] master sampling plan (defunct term, replaced by FCSP)
MST [science] multisensor track
MT [ODP] marine technician; eMpTy
MU [drilling] make up
MWC [drilling] measurement while coring
MWD [drilling] measurement while drilling
m.y. [science] million years
NAAG-DPG [JOIDES] North Atlantic-Arctic Gateways Detailed Planning Group
NADW [science] North Atlantic Deep Water
NAMOC [science] Northwest Atlantic Mid-Ocean Canyon
NARM-DPG [JOIDES] North Atlantic Rifted Margins Detailed Planning Group
NCB [drilling] Navidrill core barrel (replaced by MDCB)
NERC Natural Environment Research Council (U.K.)
NFG not functioning good: useless
NFS [computers] network file system
NGA [science] natural gas analyzer
NGDC National Geophysical Data Center (U.S.)
NGT [logging] natural-gamma spectrometry logging tool
NMDL [drilling] non-magnetic (stainless steel) drill collar
nmi [science and boating] nautical mile
NRC [U.S. Govt.] Nuclear Regulatory Commission
NRM [science] natural remanent magnetization
NSB National Science Board (U.S.)
NSF National Science Foundation (U.S.)
NSO [science] nitrogen, sulfur, oxygen
NSOW [science] Norwegian Sea Overflow Water
OBS [science] ocean-bottom seismometer
OCB [drilling] outer core barrel
OCR [computers] optical character recognition
OCS [science] Outer Continental Shelf
OD outside diameter
ODL Overseas Drilling Limited
ODP Ocean Drilling Program
ODPC ODP Council
ODWG [JOIDES] Offset Drilling Working Group
OG [curation] organic geochemistry (sample designation)
OHP [JOIDES] Ocean History Panel
OI [science] oxygen index
OLE [computers] object linking and embedding
OLTP [computers] on-line transaction processing
OM [science] organic matter
OMDP [JOIDES] Ocean Margin Drilling Program
ONDO [ODP] ODP Nankai Downhole Observatory
ONR [U.S. Govt.] Office of Naval Research
OOP [computers] object-oriented programming
ORI Ocean Research Institute, University of Tokyo (Japan)
OS [drilling] operations superintendent; [computers] operating system
OSE [logging] oblique seismic experiment
OSHA U.S. Occupational Safety and Health Administration (not just a small town in upstate Wisconsin)
OSN Ocean Seismic Network
OSU Oregon State University (rarely, Ohio State University; hardly ever, Oklahoma State University)
OT [computers] object technology
OTC Offshore Technology Conference
PC photocopy; [computers] personal computer (as in IBM PC), program counter; [electronics] printed circuit
PCB [drilling] pressure core barrel (obsolete DSDP tool)
PCD [drilling] polycrystalline diamond
PCOM [JOIDES] Planning Committee
PCS [drilling] pressure core sampler
PCSP [curation] preliminary cruise sampling plan (brief outline of each sample request accepted, rejected, or deferred at the beginning of each leg)
PDB [science] Peedee belemnite, a standard for oxygen- and carbon-isotope analyses
PDC [drilling] polycrystalline diamond compact drill bit
PDCM [drilling] positive displacement coring motor

- PDM** [drilling] positive displacement (drilling) motor
- PDR** [science] precision depth recorder; [ODP] Philip D. Rabinowitz
- PDRM** [science] post-depositional remanent magnetization
- PEC** [JOIDES] Performance Evaluation Committee
- PERC** [publications] Preliminary Editorial Review Check
- PI** [ODP] principal investigator
- PIE** [computers] personal interactive electronics
- PIG** [drilling] drill-pipe internal rust scraper
- PMS** [ship] power-management system; preventive-maintenance system
- POOH** [drilling] pull out of hole (in reality, lift the bit up off the bottom of the hole, not necessarily clear the mud line)
- PP** [science] physical properties (a.k.a. fizz props)
- ppb** [science] parts per billion
- ppm** [science] parts per million
- PPSP** [JOIDES] Pollution Prevention and Safety Panel (a.k.a. Safety Panel)
- PRISM** [computers] projection and integrated stand-alone monitor
- PRO** [computers] Digital Equipment Corporation PRO-350 or PRO-380 computer (obsolete)
- psi** [science] pounds per square inch
- P/U** [drilling] pick up
- PVC** [logistics] polyvinyl chloride
- P-wave** [science] primary seismic or compressional wave
- PWS** [science] pore-water sampler
- QC** quality control
- Quad combo** [logging] string of logging tools including dual induction, litho-density, neutron, natural gamma ray, sonic
- RAM** [computers] random-access memory
- RBI** [drilling] Rock Bit International (drill bit manufacturer)
- RCB** [drilling] rotary core barrel
- R/D** [drilling] rig down
- RDX** [drilling] explosive used in pipe-severing system
- R/E** [drilling] reentry
- REE** [science] rare-earth element(s)
- reefer** [curation] refrigerated core/sample storage area
- REPSAM** [curation] repository sampling computer program
- RFP** [ODP] request for proposals
- RFQ** [ODP] request for quotes
- RFT** [drilling] retrievable formation tester (water sampler)
- RIH** [drilling] run in hole (actually, lower drill string below the rig floor, not necessarily below the mud line)
- RISC** [computers] reduced instruction set computing
- RKB** [drilling] rotary kelly bushing
- RMS** [science] root mean square (e.g., in seismic velocities)
- Rocky** [ODP] Data entry program for hand specimen and thin section description of hard rocks
- ROM** [computers] read-only memory
- ROP** [drilling] rate of penetration in drilling or coring
- ROV** [science] remotely-operated vehicle
- rpm** [drilling] revolutions per minute
- RSMAS** Rosenstiel School of Marine and Atmospheric Science (University of Miami)
- RST** [drilling] rotary shifting tool
- RSWG** [JOIDES] Red Sea Working Group
- RT** [drilling] round trip of the drill string (= POOH + bit change + RIH)
- RU** [drilling] rig up
- RZ** [science] range zone (biostratigraphy)
- SAM** [curation] shipboard sampling computer program
- SAMUTL** [ODP] curation program to edit sample databases and write sample reports
- S/B** [drilling] set back
- SBA** [curation] shipboard analysis (sample designation)
- SBDC** [drilling] seal bore drill collar
- SCM** [drilling] sonic core monitor
- SCR** [electronics] silicon control rectifier
- SCS** [science] single-channel seismic
- SCSI** [computers] small computer system interface
- SCBA** [safety] Self-contained Breathing Apparatus
- SCUBA** [safety] Self-contained Underwater Breathing Apparatus
- SDP** [curation] Sample Distribution Policy
- SDT** [logging] sonic digital logging tool

- SECTIONLOG** [ODP] curatorial database for individual core-section histories
- SEDCO/BP 471** [ship] registered name of drilling vessel used by ODP; a.k.a. *JOIDES Resolution*
- SEG** Society of Exploration Geophysicists
- SEM** [science] scanning electron microscope
- SEM/EDA** [science] scanning electron microscope energy dispersive analysis
- SEPM** Society of Economic Paleontologists and Mineralogists (now called Society for Sedimentary Geology)
- SES** [drilling] sidewall-entry sub (inserted in the drill string when logging)
- SF** [logistics] surface freight; [ship] satellite fix
- SFL** [logging] spherically focused resistivity measurement
- SGML** [computers] Standard Generalized Markup Language
- SGPP** [JOIDES] Sedimentary and Geochemical Processes Panel
- SI** [science] Système International (international system of units)
- SID** [curation] sample investigations computer database
- SIO** Scripps Institution of Oceanography (University of California, San Diego)
- SLIDES** [ODP] database program for smear-slide descriptions
- SLM** [drilling] Steel Line Measurement (measurement of drill string and BHA with steel measuring tape)
- SLWG** [JOIDES] Sea Level Working Group
- SMDC** [drilling] short monel drill collar (non-magnetic)
- SMF** [computers] standard message format
- SMOOTH** [ODP] shipboard navigation-plotting program
- SMOW** [science] standard mean ocean water
- SMP** [JOIDES] Shipboard Measurements Panel
- SMS** [computers] storage-management system
- SN** [ship] satellite navigation
- S/N** signal-to-noise ratio
- SOE** [JOIDES] Special Operating Expense
- SOEST** School of Ocean and Earth Science and Technology (University of Hawaii)
- SOHP** [JOIDES] Sediments and Ocean History Panel
- SOP** [JOIDES] Southern Oceans Panel; [general] standard operating procedure
- SOW** [JOIDES] Statement of Work
- SP** [science] shot point (on seismic survey lines); [logging] spontaneous potential
- SPE** Society of Petroleum Engineers
- spm** [drilling] strokes per minute
- SPR** [computers] Software Problem Report
- SR** [publications] *Scientific Results* of the *Proceedings* of ODP
- SR-DPG** [JOIDES] Sedimented Ridges Detailed Planning Group
- SSA** Seismological Society of America
- SSDB** [JOIDES] Site Survey Data Bank (at LDEO)
- SSP** [JOIDES] Site Survey Panel
- SSR** [drilling] subsea release cementing system
- SST** [science] sea-surface temperature
- SW** [drilling] sea (salt) water
- S-wave** [science] secondary wave
- TAG** [science] Trans-Atlantic Geotraverse
- TAI** [science] thermal-alteration index
- TAMRF** Texas A&M Research Foundation
- TAMU** Texas A&M University
- tbg** [drilling] tubing
- TCCB** [logging] digital telemetry tool
- TCD** [science] thermal-conductivity detector
- TCI** [drilling] tungston carbide inserts
- TCPA** [ship] time of closest point of approach
- TCP/IP** [computers] networking protocol available on the ship
- TD** [drilling] total depth of a hole
- T/D** [drilling] top drive
- TDK** [drilling] tension device (Schlumberger)
- TDP** [logging] TAM drilling packer (obsolete)
- TECP** [JOIDES] Tectonics Panel
- TEDCOM** [JOIDES] Technology and Engineering Development Committee
- TGB** [drilling] temporary guide base
- TIFF** [computers] tagged image file format
- TIH** [drilling] trip into hole (lower drill string below the rig floor, not necessarily below the mud line, by adding drill pipe)
- TLT** [logging] temperature-logging tool
- T_{max}** [science] maximum temperature of hydrocarbon generation during pyrolysis
- TOB** [ship] thrown overboard (float test failure)
- TOC** [science] total organic carbon
- TOH** [drilling] trip out of hole (a.k.a. POOH)
- TOTCO** drilling rig instrumentation company
- TR** [ship] transit satellite
- TRM** [science] thermoremanent magnetization

- TS** [drilling] top sub
TSB [curation] thin-section billet (sample designation)
TSINFO [curation] ODP program to track condition and location of ODP thin sections
TSP [logging] Tam straddle packer
TSV [ship] total support vessel
t.u. University of Texas at Austin
TWT [science] two-way travelttime
UBG used but good
UCSD University of California, San Diego
UDI Underseas Drilling, Inc. (now ODL)
UHF ultra-high frequency
UGH [drilling] upper guide horn
UMBRELLA [science] ODP database containing descriptions of all ODP databases
URI University of Rhode Island
USCG United States Coast Guard
USGS United States Geological Survey
USSAC United States Science Advisory Committee
USSSP United States Science Support Program
U.T. University of Texas at Austin
UTC Universal Time Coordinated (used in place of GMT or Z)
UTIG University of Texas Institute for Geophysics
uv ultraviolet
UW University of Washington; **U/W, UW** [ship] under way (adverb); underway (adjective)
UWG [ship] underway-geophysics laboratory
VAX [computers] Virtual Addressing Extended; the name of the computer used to store ODP data
VCD [ODP] visual core-description form; database program for visual core descriptions of sedimentary cores
VE [science] vertical exaggeration
VHF very high frequency
VIT [drilling] vibration-isolated television (as in "VIT frame")
VLHPC [drilling] variable-length hydraulic piston corer (obsolete)
- VMS** [computers] Virtual Memory System (operating system of the VAX computer)
VPC [drilling] vibra-percussive corer
VRM [science] viscous remanent magnetization
VSP [logging] vertical seismic profile downhole measurement
WAN [computers] wide-area network
WCR [ODP] West Coast Repository at SIO
WD [ship] water depth
WG [JOIDES] Working Group
WHC [logging] wireline heave compensator
WHOI Woods Hole Oceanographic Institution
W/L, WL [drilling] wireline
WLR [drilling] wireline reentry
W/L R/E [drilling] wireline reentry into a reentry cone without a drill ship
WOB [drilling] weight on bit; waiting on berg (suspended operations in high latitudes)
WOC [drilling] waiting on cement (suspended operations)
WOCE World Ocean Circulation Experiment
WORM [computers] "write once, read many" laser disk drive
WOW [drilling] waiting on weather (suspended operations)
WPAC [JOIDES] Western Pacific Panel
WP-DPG [JOIDES] Western Pacific Detailed Planning Group
WST [logging] well seismic tool (used in VSP experiments)
WSTP [science] downhole water sampler and temperature probe
WLP [drilling] wireline packer
WLS [logging] Wireline Logging Services
XBT [science] expendable bathythermograph
XCB [drilling] extended core barrel
XCB/FC [drilling] extended core barrel flow control system
XO [drilling] crossover (connecting pipe)
XRD [science] X-ray diffraction; [curation] sample designation (or XD)
XRF [science] X-ray fluorescence; [curation] sample designation (or XF)
Z "Zulu" or GMT, replaced by UTC