

Acronyms and Abbreviations

NOTE: All references to 'subsea trees', XT, VXT, HXT, etc. are variations to "Christmas trees" and their derivations.

° ' "	degrees, minutes, seconds (geometric angle; latitude/longitude)
'	minutes (geometric angle; latitude/longitude); feet
"	seconds (geometric angle; latitude/longitude); inches
°C	degrees Centigrade; degrees Celsius
°F	degrees Fahrenheit
°K	degrees Kelvin (degrees Celsius, absolute)
°R	degrees Rankine (degrees Fahrenheit, absolute)
1D	one-dimensional
2D	two-dimensional
3D	three-dimensional
4D	four dimensional (seismic - shots in the same location over time)
5-F	five function (axis) manipulator
7-F	seven function (axis) manipulator
α	alpha
AB	able-bodied seaman
A/C	annular connector; air conditioning
A&C	Automation and Control (FMC division for SCADA topside control)
A/D; AD	assistant driller; authorized depth
A-D; AD	analog to digital
A/L	airlock
A/R	as required; abandonment and recovery
A&R	abandonment and recovery
AADE	American Association of Drilling Engineers (see also IADC)
AAP	all angle probe
AAPG	American Association of Petroleum Geologists
AAPI	apparent API units
AASST	all angle survey steering tool
AAV	annulus access valve (see also Annulus Swab Valve - ASV) (usually associated with a horizontal subsea Christmas tree (HXT) or Tubing Head assembly)
AB	Atlas-Bradford (a company)
ABB	Asea Brown Boveri (a company)
ABI	at bit inclination
ABS	acrylonitrile butadiene styrene (class of moldable composite plastics or semi-synthetic materials); American Bureau of Shipping
abs	absolute (temperature, pressure, etc.); abstract
ABT	annulus bore test
ABV	annulus bleed valve
AC	air conditioning
ac	alternating current
ACCP	acceptance
ac-dc	alternating current to direct current
ACFM	actual cubic feet; alternate current field measurement
ACIV	annulus chemical injection isolation valve
ACK	acknowledgement
ACME	thread type; annulus communication & monitoring equipment (wellhead - outer annuli pressure measurement between sealed casing strings) (see also RTOL, WAMS)
ACPI	advanced configuration and power interface

ACR	alternating current resistance; attenuation-crosstalk ratio; acronym; air conditioning and refrigeration
ACS	American Chemical Society
ACT	actuator
ACU	array configuration utility; air condition unit
ADAPT	adapter
ADB	autotrophic denitrifying bacteria (see also SRB)
ADC	analog/digital converter
ADCP	acoustic doppler current profiler (see also DVL)
ADDU	automatic directional drilling unit
ADJ	adjust
Admin	administration
ADP	acceptance data package
ADR	audit deficiency report
ADS	atmospheric diving system
ADT	applied drilling technology
ADU	asynchronous data unit
AES	atmospheric environmental service
AF	across flats (nut or bolt lug dimension)
AFC	approved for construction; annulus flowline connector
AFD	approved for design
AFE	authorization for expenditure; approved financial expenditure
AFLC	annulus flowline connector
AFV	annulus flowline valve
Ag	silver
AGA	American Gas Association
AGC	automatic gain control
AGP	accelerated graphics port
AGU	American Geophysical Union
AHC	active heave compensation (see also PHC)
AHTS	anchor handling tug supply
AI	all iron; analog input; air intake; artificial intelligence
AIChE	American Institute of Chemical Engineers
AIME	American Institute of Mining, Metallurgical, and Petroleum Engineers
AIO	analog input/output
AIR	average injection rate
AIS	automatic identification system (marine radio navigation)
AISC	American Institute of Steel Construction
AISI	American Iron and Steel Institute
AISC	American Institute of Steel Construction
AIT	analysis and integration team
AITP	Association of Information Technology Professionals
AIV	annulus isolation valve; alternate isolation valve (United States BOEM/BSEE – SSV/USV) (see also SSIV)
Al	aluminum
Al-In-Zn	aluminum-indium-zinc (anode alloy material)
ALARP	as low as reasonably practical
ALF	alert log file; average load factor; ammonia leak finder
ALIGN	alignment
ALP	articulated loading platform
ALU	arithmetic logic unit
AM	electric furnace – air-melt (steel processing) (see also VIM)
AMB	active magnetic bearing

AMF	automatic mode function (deadman sequence – automatic closure sequence of safety functions)
amp	Ampere
amps; A	Amperes
AMS	aerospace materials standards; American Meteorological Society
AMV	annulus master valve
ANSI	American National Standards Institute (see also BS, DIN, IEC, ISO)
ANT	antenna
AOF	absolute open flow (see also CAO, WCD)
AOL	America On Line
AOP	asphaltene occurrence pressure
AP	annulus pressure (sensor); antenna amplifier
APD	application for permit to drill (United States BOEM/BSEE) (see also APM, DWOP); acoustic pig detector
API	American Petroleum Institute
approx	approximate
APM	application for permit to modify (United States BOEM/BSEE) (see also APD, DWOP)
APR	automatic pressure-responsive safety valve
APS	abandon platform shut-down
APU	alternate power unit (see also HPU); auxiliary power unit (ROV)
AQ	aqueous
AR	appropriations request
ARO	after receipt of order
ARSS	adjustable riser support system; auxiliary riser support system
AS	Aerospace Standard (SAE) (see also NAS)
ASA	American Standards Association
ASCE	American Society of Civil Engineering
ASCII	American Standard Code for Information Interchange
ASD	acoustic sand detector; adjustable speed drive (see also SCR, VSD)
ASG	average specific gravity
ASHC	annulus shear closed
ASHO	annulus shear open
ASHRAE	American Society of Heating, Refrigeration, and Air Conditioning Engineers
ASIC	application specific integrated circuit (see also FPGA)
ASL	approved supplier list; annulus service line
ASME	American Society of Mechanical Engineers
ASNT	American Society for Nondestructive Testing
ASQC	American Society for Quality Control
Assn	association
Assoc; Assocs	associates
ASP	alkaline surfactant polymer
ASSY	assembly
ASTM	American Society for Testing & Materials
ASV	annulus swab valve (see also AVV); annulus shear valve; anti-surge valve
ATC	autoclave
ATEX	explosive atmosphere (EU rules for electrical equipment) (see also NEMA, BASEEFA)
ATM	atmosphere (1 atm = 14.7 psi, 1 bar = 1.013 atm); automated teller machine
AUV	autonomous underwater vehicle (see also ROV, UUV)
AV	annular velocity; apparent viscosity
AVB	annulus valve block
AVIM	actuator valve internals module
AVL	approved vendor list
AVO	amplitude versus offset
AVV	annulus vent valve (see also ASV)

Aw	water activity
AWG	American wire gauge
AWHEM	Association of Wellhead Equipment Manufacturers
AWS	American Welding Society; approved work system
AWV	annulus wing valve
AX	Cameron (company) proprietary metal seal and its derivatives (usually associated with a clamp hub external profile on a wellhead) (see also VX); antenna socket
AXT	AX gasket test (see also TST)
AXOV	annulus crossover valve
AZa	apparent azimuth
B	Boron
ß; β	beta
B/d	barrels per day
B/U	backup
B2B	business to business (see also F2F)
B&B	block and bleed
BASEEFA	British Approvals Service for Electrical Equipment in Flammable Atmospheres
bar	1 kg/cm ² (1 bar = 0.1 MPa or 14.5 psi) (see also ATM)
BASS	bullhead acid stimulation (subsea) system
BAST	best available and safest technology
BATT	battery
BAVO	BSEE approved verification organization (see also CA, I3P)
BB	barrier box
Bbl	barrel
bbl/d; bbl/d	barrels per day
bbl/min	barrels per minute
BBS	bulletin board system; best business solution
BCC	body center cubic (metallurgy) (see also BCT, FCC)
BCE	base, collector, emitter (transistor)
Bcf	billion cubic feet
Bcf/d	billion cubic feet per day
BCM	billion cubic meters
BCPD	barrels condensate per day
BCT	body center tetragonal (metallurgy) (see also BCC, FCC)
BD	board
Be	magnetic field components; beryllium
BeCu	beryllium copper
BESD	bridge area emergency shut-down
BFE	builder furnished equipment
BGC	baseline gas chromatograph
BHA	bottom hole assembly
Bhd	bullhead
Bhn; BHN	Brinell hardness number (steel ball indenter) (see also HB, HBN, HBW)
BHP	bottom hole pressure; Broken Hill Properties (BHP Billiton - a company); British horsepower (power); brake horsepower (dynamometer) (see also SHP, W)
BHST	bottom hole static temperature
BHT	bottom hole temperature
Bk	black
Bl	blue
BLD	blade
Bldg	building
Blk	block
BLM	Bureau of Land Management (United States) (see also UKDOE, NPD, DOI, BOEM/BSEE)
Bn	brown

BOD	biochemical oxygen demand; bill of documents
BOE	barrel of oil equivalent
BOEM	Bureau of Ocean Energy Management (United States) (formerly the MMS, see also BSEE)
BOM	bill of materials (see also MEL, MOC)
BOP	blowout preventer
bopd	barrels of oil per day
BOPJS	blowout preventer spacer (or spanner) joint
BOTT	bottom
Boxy	magnetic field components
BP	British Petroleum (a company)
bp	boiling point
bpd	barrels per day
BPV	bypass valve; back pressure valve
Br	bronze; bromine; bromide
BR	build rate; Petrobras (a company - logo); blind ram (BOP) (see also BSR, PR, SSR, VBR)
BRG	bearing
BRKT	bracket
Bros.	brothers
BRS	bit run summary
BRU	backup and restore utility
BS	bachelor of science; British Standards (see also ANSI, DIN, IEC, ISO)
BS&W	basic sediment and water
BSDV	boarding shut down valve (or boarding valve – pipeline/flowline) (see also SDV, SSIV)
BSEE	Bureau of Safety and Environmental Enforcement (United States) (formerly the MMS, see also BOEM)
BSI	British Standards Institute
BSL	below sea level, bolt specification level (see also PSL)
BSR	blind shear ram (BOP) (see also BR, PR, SSR, VBR)
BTC	bottom test cap (tubing hanger running tool); buttress thread casing
Btotal	magnetic field components
Btu; BTU	British thermal unit (1 kWatt-hr = 3413 Btu)
BTV	bore test valve
BTW	by the way
BUR	buildup rate
BV	Bureau Veritas; branch valve
BW	Business Week (magazine); butt welding ends
bwpd	barrels of water per day
BX	API metal gasket for 6B and 17DSS type flanges
By; Bz	magnetic field components
c	centi (prefix, one hundredth, 10^{-2}); specific heat (Btu/lb _m -°F, or Joule/kg-°K); celerity (speed of light or speed of sound); radians (geometric angle – see also rad)
C	carbon; completing; Celsius
C&EN	Chemical & Engineering News (trade magazine)
C/WO	completion workover
C/WOR;	completion workover riser (external - for VXT) (see also LS for TH and HXT)
CWOR	
C1	methane
C2	ethane
C3	propane
C4	butane (see also IC4)
C5	pentane (see also IC5)
C6	hexane
C7	heptanes
C8	octane

Ca	calcium
CA	certifying authority (third party witness or inspection service, or vessel classification society) (see also BAVO, I3P)
cb	center of buoyancy (see also cg)
CAB	cabinet
CAD	computer aided design (see also CAM)
CAGR	compounded annual growth rate
CALB	calibrate/calibration
CALIBTR	calibrator
CALM	catenary anchor leg mooring
CAM	computer aided manufacturing (sometimes referred to as CAD/CAM, see also CAD)
CANbus	controller area network electrical cable (2-wire interface running over either a shielded twisted pair, un-shielded twisted pair, or ribbon cable; and data transmission interface standard)
CAOF	calculated absolute open flow (see also AOF, WCD)
CAP	capacitor; capacity
CAPEX	capital expenditure
CAR	carrier; corrective action request
CAS	Chemical Abstract Services
CAT	corrective action team; connector actuation tool
CB	choke bridge
CBE	cost benefit estimate
CBL	cable; cement bond log (see also VDL)
CBP	completion bore protector
CC	cubic centimeters; choke closed; (carbon) copied; core components
CC Tool	cement cleanout tool
CCD	charge-couple device (image sensor)
CCF	closed caisson foundation (suction pile)
CCH	Commerce Clearing House
CCP	change control panel
CCR	central control room
CCS	camera control station
CCT	crevice corrosion temperature; continuous cooling transformation (curves) (metallurgy hardenability)
CCTV	closed circuit television
CCW	counterclockwise
CD	committee draft; compact disc (storage media)
CDC	Center for Disease Control
CDI	cake deposition index
CDR	critical design review
CD-ROM	compact disc - read only memory
CDTM	controlled depth tow method
CE	Council of Europe (equipment certification standard/markings) (see also EU); carbon equivalent
CEC	cation exchange capacity
CEO	chief executive officer
CER	ceramic
CERT	certified; (materials) certificate (of properties and chemistry); constant extension rate tensile testing (see also SSRT)
CFD	computational fluid dynamics (see also FEA); cubic feet per day
CFO	chief financial officer
CFR	code of federal regulations (United States) (see also ITL, LTL, NTL)
cg; 	center of gravity (see also cb); centigram
CGA	color graphics array; computer graphics and applications

CGB	completion guide base (see also UGB, UGF)
Ch	chalk (reservoir rock)
CH	channel
CHASS	chassis
CHC	production choke closed
CHEM	chemical
CHO	production choke open
CHOO ⁻ or HCOO ⁻	formate (a salt from formic acid)
CHRT	casing hanger running tool; chert (geology)
CI	cast iron; chemical injection; continuous improvement
CIBP	cast iron bridge plug
CICV	chemical injection check valve
CID	chemical injection downhole
CIDV	chemical injection downhole valve
CIF	common interrogation frequency
CIIC	chemical injection (isolation) check valve
CIIV	chemical injection isolation valve
CIL	critical items list
CIRC	circuit; circulation
CIS	chemical injection supply; computer information system; Commonwealth of Independent States – formerly USSR, Russia)
CIT	chemical injection tree
CIU	chemical injection unit
CIV	chemical injection valve
CIWV	chemical injection wing valve
Cl	chlorine; chlorides (alternate measure of salinity – NaCl → Na ⁺ and Cl ⁻)
CL; \mathcal{C}	center line; cemented liner
cl; cL	centiliter
cm	centimeter
CM	completion method (mudline wellhead) (see also OBS-C, JXT)
CMOS	complementary metal oxide semiconductor; configuration memory operating system
CN	change notice
CNC	computer numerically controlled (see also NC)
CNOPB	Canada Newfoundland Offshore Petroleum Board
CNS	Central North Sea
CNTR	counter
CO	carbon monoxide (chemical formula); choke open; change order
Co	company; cobalt
CO ₂ ; CO ₂	carbon dioxide (chemical formula)
COB; CB	center of buoyancy; close of business (end of business day)
COC	certificate of compliance; certificate of conformity; certificate of competency; chain of command; close-open-close
COD	chemical oxygen demand; cash on delivery
COG; CG	center of gravity
COMM	communication; commission (see also DECOM)
COMP	computer; completion
CON	continuity
COND	conditioner; conductor
CONN	connector
CONT	contact; control
Cont	continued
CONV	convert
COO	chief operating officer

CORP	corporate/corporation
COV	crossover valve (see also XOY)
Cp	candlepower (light intensity); centipoise (absolute viscosity)
CP	cathodic protection; cloud point (paraffin) (see also WAT)
CPAS	collaborative process automation system (see also SCADA)
CPLG	coupling
CPU	central processing unit
Cr	chromium
CR	change request; common requirements
CRA	corrosion resistant alloy
CRF	common reply frequency; change request form
CRM	corrosion resistant material
CRT	cathode ray tube
Cs	cesium
CS	continental shelf; cast steel/carbon steel; center section
CSA	Canadian Standards Association
CSG	casing; API Casing Short Thread
CSOEM	Committee on Standardization of Oilfield Equipment and Materials (API)
Cspec	coating specification
CST	capillary suction time
cSt	centistokes (viscosity)
CSU	control and service umbilical
CT	coiled tubing; computerized topography; conventional tree (obsolete and replace with VXT)
CTC	coiled tubing cutter
CTF	coiled tubing flowline
CTLF	coiled tubing lift frame
CTOD	crack tip open displacement (fracture mechanics, fatigue)
CTR	cost, time, and resource (project management - task planning)
CTRL	control
CTS	chemical transmission system; concentric chamber pressure transmission system
CTZR	centralizer
cu ft	cubic feet
CU; c.u.	capture unit
CUG	computer user group
Cv	flow coefficient (flow rate passing through a valve or choke (gallons/minute) at 1 psi pressure drop – Imperial units version of Kv, where $C_v = 1.16 K_v$)
CV	critical velocity; check valve; choke valve; Curriculum Vitae (resume)
CVB	composite valve block
CVN	Charpy V-Notch (material impact/toughness test)
CVR	cover
CW	Chemical Week (trade magazine); clockwise
CWE	cold water equivalent
CWLS	Canadian Well Logging Society
CWO; C/WO	completion workover
CWOR;	completion workover riser
C/WOR	
CWT	critical well team
CXT	conventional (subsea Christmas) tree (obsolete – see VXT)
Cyl	cylinder
d	deci (prefix, one tenth, 10^{-1})
D	darcy (a unit of permeability or porosity through rock)
D-A; DA	digital to analog; data acquisition
D/H; DH	data handler; direct hydraulic; down-hole
D/S; DS	data sheet

D/t	diameter (outside) to wall thickness ratio (pipe)
Da	dalton (unit of atomic or molar mass - 1 Da = 1g/mol or $1.660\ 538\ 921\ 73 \times 10^{-27}$ kg) (see also u)
DAF	dynamic amplification factor (see also LAF)
DAS	data acquisition system; distributed acoustic sensor (fiber optics) (see also DTS)
dB	decibels (logarithmic power level)
dBA	decibels (sound power level – A scale)
DBI	database information (often pronounced " <i>DEBBIE</i> ")
DBL	double
dc; DC	direct current; drill center; drill collar
dc-dc	direct current to direct current
DCIV	downhole chemical injection valve
DCR	direct current resistance; documentation change request
DCS	data communications system; distributed (IP) control system (see also MDIS, SEAFOM, SIIS)
DCV	directional control valve
DDC	driller's display console; direct digital control; DC-to-DC converter; digital-to-digital converter; device-dependent command
DDCV	deep draft caisson vessel (a spar floating structure – note: spar is not an acronym)
DDS	drum decanting system; dataphone digital service; digital data stream (see also DSP); digital data storage; Direct Drive Systems (a company)
DECOM	decommission (see also COMM)
deg; °	degrees – geometric angle (see also rad, grad); latitude/longitude; temperature; API viscosity
degrees C; °C	degrees Centigrade; degrees Celsius
degrees F; °F	degrees Fahrenheit
degrees K; °K	degrees Kelvin (degrees Celsius, absolute)
degrees R; °R	degrees Rankine (degrees Fahrenheit, absolute)
DEMOB	de-mobilize (return to shore base) (see also MOB)
DEP	directional electronic probe
DEPT	department
DESC	description
DET	digital event timer
DF	design factor (see also FOS, FS, SF)
DFCS	diverless flowline connection system
DFMA	design for manufacture and assembly
DFO	documentation for orientation
dg	decigram
DGB	drilling guidebase (see also PGB)
DGPS	digital global positioning system
DH	downhole
DH+	data highway plus
DHI	downhole Interface
DHP	downhole pump
DHPT	downhole pressure temperature
DHPTM	downhole pressure temperature monitor
DHPTT	downhole pressure and temperature transducer
DHSV	downhole safety valve (see also SSSV, SCSSV, TRSCSSV)
DI	deionized; ductile iron
DIA	diameter
DIACS	downhole information and control system (smart well completion) (see also SCRAMS, IWIS)
DIN	Deutsches Institut für Normung eV (German Institute for Standardization (see also ANSI, BS, IEC, ISO)
DIO	digital Input/Output

Dist.	district
Disp.	displacement
DIV	division; drilling induced vibration
Dk	deca (prefix, ten, 10 ¹)
Dkg	decagram
Dkm	decameter
dl; dL	deciliter
DLT	double level threshold
dm	decimeter
DM	digital monitor; dry-mate (electrical connector) (see also WM)
DMA	dead man anchor
DMC	daily mud cost
DMDS	dimethyl disulfide (sour gas)
DMG	document management group
DMM	deformation mechanism map (or mapping) (material creep and stress relaxation); digital multi-meter
DMPR	diesel methanol pump room
DMS	depth monitoring system
DMT	depth measuring transponder; dual mode transponder
DMU	dynamics mounted unit (dampers)
DN	down; diameter nominal (API 598 and ASME B16.34, see also PN)
DNV; DnV	Det Norske Veritas (a verification authority/company - Norway)
DO	digital output
DOC	document/documentation
DOD	Department of Defense (United States); diver operated dredge
DOE	Department of Energy
DOI	Department of the Interior (United States; BLM and BOEM/BSEE are agencies within DOI)
DOM	district operations manager
DOS	disk operating system; district operations supervisor
DOT	Department of Transportation; Deep Offshore Technology (conference)
DP	dual porosity; design pressure; design principles; drill pipe; downhole pressure; dynamically positioned (vessel stationkeeping) (see also SK)
DPA	development plan application
DPDSV	dynamically positioned dive support vessel
DPLIM	dynamically positioned longitudinal inspection module
DPSV	downhole production safety valve
DQT	design qualification test
DR	design review; discrepancy report; drive
DRCP	driller's remote control panel
DRL	data requirements list
DRM	drawings requirements manual
DROPS	dropped objects protection scheme
DRR	drawings requirements review
DS	drill string (see also DC)
DSHD	double sided high density
DSL	digital subscriber line (see also modem)
DSP	digital signal processing (see also DDS); design specification
DSS	duplex (austenitic) stainless steel (see also SDSS)
DST	drill stem test
DSTU	dynamic steel tubed umbilical
DSV	diver support vessel
DT	downhole temperature; deepwater tree; digital telemetry
DTI	Department of Trade & Industry (U.K.)
DTL	detail

DTS	digital telemetry system (controls – Schilling Robotics – NIM, SIM, and VIM are associated electronic modules that plug into a DTS node) (see also RSE); distributed temperature sensor (fiber optics) (see also DAS)
DTO	demonstration test objective
DVL	doppler velocity log (sonar acoustic position referencing) (see also LBL, SBL and USBL)
DVM	digital voltmeter
DWC	daily well cost
DVD	digital video disc
DWG	drawing
DWHC	deepwater high capacity (usually associated with a clamp hub external profile with two locking shoulders on a wellhead)
DWOP	deep water operations plan (United States BOEM/BSEE); drilling well optimization (plan) process; drill well on paper (see also IWOP)
DWT	dead weight ton
€	Euro
E	evaluating
E/E/PE	electrical/ electronic/programmable electronic (safety systems, see also HIPPS, SIL)
E/E/PES	electrical/ electronic/programmable electronic systems
e-Line	electric wireline
E&MJ	Engineering & Mining Journal
E&P	exploration and production
e.g.	for example (exempli gratia), followed by a comma
E/H	electrical and hydraulic or electro-hydraulic
E/T	electronic technician
E/W	ester to water ratio
E1; E2	tree electrical connections
EA	each
EAC	estimate at completion; environmental assisted cracking (corrosion)
EC	electrical connector
ECA	engineering change analysis
ECC	engineering change control, enterprise core component (SAP)
ECCN	export control classification number (see also HTS)
ECD	equivalent circulating density
ECM	electro-chemical machining (see also EDM)
ECN	engineering change notice
ECO	engineering change order; Edison Chouest Offshore (a company)
ECP	engineering change proposal; equivalent circulating pressure; external casing packer
ECR	engineering change request
ED	erosion detector
EDC	emergency disconnect connector; engineering document control
EDL	emergency (quick disconnect) tool lock
EDM	electrical distribution module (see also EDU, HDM and SDU); electric(al) (or electro) discharge machining (see also ECM)
EDMS	electronic data management system
EDP	emergency disconnect package
EDPHOT	emergency drill pipe hang-off tool (often pronounced " <i>ED-FOT</i> ")
EDPRS	emergency deepwater pipeline repair scenario
EDR	engineering discrepancy report; engineering document register
EDU	electrical distribution unit (see also EDM, HDM and SDU)
EEMUA	Engineering Equipment and Materials Users Association
EEP	emergency evacuation plan; engineering execution process
EEPROM	electrically erasable programmable read only memory (see also EPROM, PROM)
EEx d	Cenelec – Flameproof
EEx i	Cenelec – Intrinsically Safe

EEx p	Cenelec – Pressurized Apparatus
EFAT	extended factory acceptance test (often pronounced " <i>EE-FAT</i> ") (see also ESS)
EFL	electrical flying lead (see also HFL, PFL and SFL)
EFS	electrical feedthrough system (tubing hanger)
EGA	enhanced graphics adapter
EH; E-H; E/H	electro-hydraulic
EHA	electro-hydrostatic actuation; electro-hydraulic actuator
EHDM	electro-hydraulic distribution manifold
EHPIP	electric heated pipe-in-pipe
EHXT	enhanced horizontal subsea (Christmas) tree (FMC TM); extended horizontal subsea (Christmas) tree (API)
EIA	electronic industries alliance; energy information administration (United States) (see also IEA); environmental impact assessment (see also EIS)
EIS	environmental impact statement (see also EIA)
ELAB	electronic laboratory
ELEC	electronics/electrical
EMO	equipment moving order
EMS	emergency medical services
EMW	equivalent mud weight
ENCL	enclosure
EOA	environmental oil alert
EOC	end of curve
EOI	expression of interest (request for budgetary proposal) (see also ITT, RFP, RFQ)
EOM	end of month
EOR	enhanced oil recovery; (see also IOR)
EOS	equation of state
EOY	end of year
EP	early production; electrical proof
EPA	Environmental Protection Agency (United States) (see also NOAA; OSPAR)
EPC	engineering, procurement, and construction
EPCI; EPIC	engineering, procurement, construction, and installation
EPCTU	electrical power and communication test unit
EPDM	ethylene-propylene rubber
EPM	equivalent per million
EPR	ethylene propylene rubber; early production riser
EPROM	erasable programmable read only memory (see also EEPROM, PROM)
EPS	emergency power system; early production system; electrical power simulator
EPU	electrical power unit
EQD	emergency quick disconnect
EQUIP	equipment
ER	employee relations; equivalent round; emergency room; Eastern Region (see also SEA, WR)
erg	unit of work (energy)
ERP	enterprise resource planning
ERT	emergency response team
ESD	electrostatic discharge; emergency shut-down
ESDU	emergency shut-down unit
ESDV	emergency shut-down valve
ESP	electric submersible pump (see also HSP)
Espec	elastomer specification
ESS	environmental stress screening; electrical stress screening (see also EFAT)
ESV	emergency shut-down valve
ET	external test (tree cap)
et al.	and others (et all)

et seq.	and the following
ETA	estimated time of arrival
ETC	estimated time to complete
etc.	and others (et cetera)
ETD	estimated time of departure
EUE	external upset end (tubing end connection classification)
ETU	electronic test unit
EU	European Union (see also CE)
EUTU	electrical umbilical termination unit
EVDT™	enhanced vertical deepwater (subsea Christmas) tree (FMC™)
EVST™	enhanced vertical shelf (or shallow water) (subsea Christmas) tree (FMC™)
EVXT™	enhanced vertical (subsea Christmas) tree (FMC™)
EWA	existing well adapter
EWI	extended well test
EXAL	EXAL (a company)
EXT	extension
EXTR	extraction
F	flowing; fracture; Fahrenheit
F2F	face to face (see also B2B)
F&G	fire and gas; fish and game
F/T	feed through
FAB	fabricate
FAD	failure assessment diagram (fatigue analysis, fracture mechanics)
FAI; FAIS	fail as is
FAR	failure analysis report; final acceptance review; fatal accident rate
FAT	factory acceptance test
FAX	facsimile service or device
FC	fail close (see also FSC); fit check
FCC	face center cubic (metallurgy) (see also BCC, BCT); Federal Communications Commission (United States)
FCGR	fatigue crack growth rate
FCL	flowline connector lock
FCM	flow control module
FCR	flowline connector return
FCS	flowline connector supply line
FCU	flowline connector unlock
FCUL	flowline connector unlock
FD	face discharge
FDA	Food and Drug Administration (United States)
FDM	field development manager
FDR	final design review
FE	flanged ends
FEA	finite element analysis (see also CFD)
FEED	front end engineering and design (study or report)
FEM	female; finite-element method (see also FEA)
FET	field effect transistor
FFD	flanged, faced, and drilled
FFP	final flowing pressure
FFR	field failure report (see also FNCR, SN)
FHCS	flat head cap screw
FI	fillister; financial
FID	flame ionization detector; flowing isolation device (check valve); financial investment decision
FIFO	first in, first out

FIHPC	flowline protection/pressure caps (installed on inboard hubs of manifold)
FITA	field installable termination assembly
FIV	flowline isolation valve; formation isolation valve (also known as foot valve - at the bottom of a well); flow induced vibrations (riser and piping fatigue) (see also VIV)
FIXT	fixture
FKM	vinylidene fluoride and hexafluoropropylene (fluorocarbon polymer compound)
FKS	FMC Kongsberg Subsea (use for Kongsberg instead of KOS) (see also KBG)
FL	flat; flowline
FLC	flowline connector
FLCV	fluid loss control valve
FLD	field
FLL	flowline (connector) lock
FLOT	flying lead operating tool (see also EFL, HFL, MQC, SFL)
FLP	fail last position
FLU	flowline (connector) unlock
FLUMB	flowline umbilical (porch)
FM	frequency modulation
FMEA	failure modes and effects analysis
FMECA	failure modes effects and criticality analysis (often pronounced " <i>FEM-EEKA</i> ")
FNCR	field nonconformance report (see also FFR, NCR, SN)
FO	fail open (see also FSO); fiber optics
FOB	freight on board; free on board
FOP	float-off proof
FOS	factor of safety (see also DF, FS, SF)
FP	flashpoint
FPF	floating production facility (see also FPO, FPS, FPU, FPSO, FPV, FSO, FSU, PQ)
FPGA	field-programmable gate array (integrated circuit) (see also ASIC)
FPO	floating production & offloading (see also FPF, FPS, FPU, FPSO, FPV, FSO, FSU)
FPS	floating production system/storage (see also FPF, FPO, FPU, FPSO, FPV, FSO, FSU, PQ)
FPSO	floating production storage & offloading (see also FPF, FPO, FPS, FPU, FPV, FSO, FSU)
FPU	floating production unit (see also FPF, FPO, FPS, FPSO, FPV, FSO, FSU)
FPV	floating production vessel (see also FPF, FPO, FPS, FPSO, FPU, FSO, FSU)
FR	failure report
FRC	fast rescue craft
FRT	front
FS	fractured limestone; forged steel; factor of safety (see also DF, FOS, SF)
FSC	fail safe closed
FSIT	final shut-in pressure
FSK	frequency shift key
FSO	fail safe open (see also FO); field service order; floating storage and offload (see also FPF, FPO, FPS, FPSO, FPU, FPV, FSU)
FST	flowline seal test
FSU	floating storage unit (see also FPF, FPS, FPSO, FPU, FPV, FSO, FSU)
FSW	feet of sea water
ft	foot or feet
ft/min	feet per minute
ft/sec	feet per second
ft ²	square feet
ft ³ /bbl	cubic feet per barrel
ft ³ /d	cubic feet per day (see also CFD)
ft ³ /lbm; ft ³ /lb _m	cubic feet per pound mass
ft ³ /min	cubic feet per minute
ft ³ /sec	cubic feet per second
FT; FTA	fault tree (analysis) (see also RBD)

FTC	field termination cabinet; Federal Trade Commission (United States)
FTG	fitting
FTH	flowline termination head
ft-lb	foot-pound (torque)
ft-lbf; ft-lb _f	foot-pound force (torque or moment)
FTP	flowing tubing pressure (see also FWHP); file transfer protocol (internet) (see also HTTP, TCP/IP)
FTU	flowline termination unit
FUNC	function
FVF	formation-volume factor
FW	fresh water
FWHP	flowing wellhead pressure (see also FTP)
FWHT	flowing wellhead temperature
FWM	freshwater mud
FYI	for your information
G	giga (prefix, one billion, 10 ⁹)
g	gram; acceleration of gravity; force of gravity; gauge (pressure) (psig, barg)
g/cm ³	grams per cubic centimeter
g/ml; g/mL	grams per milliliter
GA	general arrangement; general assembly (drawing)
gal/d	gallons per day
gal/min	gallons per minute
GAPS	general alarm pushbutton stations
GB	grand banks
GBA	Grand Banks Alliance
GC	gas chromatograph; Gulf Coast
GDT; GD&T	geometric dimensioning and tolerancing (ASME/ANSI drafting tolerancing) (see also GPS)
GFD	ground fault detection (see also GFI)
GFE	government furnished equipment
GFI	ground fault interrupter (see also GFD)
GHSC	galvanically (induced) hydrogen stress cracking (embrittlement corrosion) (see also HISC, SCC, SSC)
GI	gas injector; grease injection (wireline stuffing box)
GIIV	gas injection isolation valve
GIS	geographical information systems (see also INS, GPS)
G&G	geological and geophysical; geodetic and geophysical (seismic and reservoir data)
GL	gas lift; ground level; guideline
GLA	gas lift available
GLCC	gas liquid cylindrical cyclone (caisson oil-gas separation)
GLIV	gas lift isolation valve
GLL	guidelineless
GLV	galvanized
GMAW	gas metal arc welding (see also GTAW, SAW, MIG, TIG)
GMDSS	global maritime distress and safety system
GMT	Greenwich Meridian (Mean) Time (time at 0o longitude)
GN	green
GND	ground
GOC	gas/oil contract; gas/oil contact
GOES	geosynchronous (geostationary) orbiting environmental satellite; grain oriented electrical steel (power transformers)
GOM; GoM	Gulf of Mexico
GOR	gas/oil ratio (see also GVF)
GOT	glossary of oilfield terminology
GP	gas producer; guide post

gpm	gallons per minute
GPR	glass reinforced plastics
GPS	gravel-packed screens; global positioning system (satellite) (see also INS, GIS); global planning system (project management); geometrical product specifications (ISO drafting tolerancing) (see also GD&T)
GR	gray
GRA	guidelineless reentry assembly (GLL version of a PGB); global riser analysis
grads; gon	gradians (geometric angle – see also rad, deg)
GRI	gamma ray index; Gas Research Institute
GROMT	grommet
GRP	glass-fiber (or fiberglass) reinforced plastic
Gspec	grease specification
GTAW	gas tungsten arc welding (see also GMAW, MIG, SAW, TIG)
GTL	gas-to-liquids (natural gas to longer hydrocarbon chain liquids)
Gtotal	gravity field components
GUI	graphical user interface (often pronounced "GOO-EY") (see also HMI, MMI)
GVF	gas volume fraction (see also GOR)
GW	guidewire (see also GL)
GWI	global work instructions (see also LWI)
Gx	gravity field components
Gy	gravity field components
Gz	gravity field components
h	hecta (prefix, one hundred 10^2)
H	hydrostatic head (pressure at base of fluid column); Henry (electric inductance)
H; H ₂	hydrogen
H ₂ S; H ₂ S	hydrogen sulfide (chemical formula) (H ₂ S presence means "sour" service)
HAOG	high-accuracy orientation gyro
HAR	harness
HAZ	heat affected zone
HAZCOM	hazard communication
HAZID	hazard identification
HAZMAT	hazardous materials (identification and analysis) (see also SDS)
HAZOP	hazard and operability (analysis) (see also SAFOP)
HBM	horizontal boring mill (machine)
HB; HBN	hardness – brinell scale (steel ball indenter) (see also BHN, HBW)
HBW	hardness – brinell scale (Wolfram) (tungsten carbide ball indenter) (see also BHN, HB, HBN)
HC	hydrocarbons (organic compound combination of hydrogen and carbon)
HCl	hydrochloric acid (chemical formula)
HCLS	heave compensated landing system (tree-on-wire deployment)
HCPV	hydrocarbon pore volume
HCR	high collapse resistant (flexible pipe); hydraulic control – remote (drilling choke valve)
HD	high definition (video)
HDD	hard disc drive
HDM	hydraulic distribution module (see also EDU and SDU)
HEC	hydroxyethylcellulose
HEP	hurricane evacuation plan
HES	Halliburton Energy Services (a company); health environment and safety (see also HSE)
HEX	hexagon
HF	hydrofluoric acid (chemical formula); hard face (metallic fusion spray coating)
HFL	hydraulic flying lead (see also EFL, PFL and SFL)
HFSSB	high frequency single sideband
HFT	hardware fault tolerance (see also PFD, SFF)
HHP	hydraulic horsepower

HID	high-intensity discharge (electrical)
HIP	hot isostatic pressing (material cladding) (see also WEX)
HIPO	high potential incident (HSE incident that could have led to accident)
HIPPS	high integrity <i>pressure</i> protection system; high integrity <i>pipeline</i> protection system
HISC	hydrogen induced stress cracking (see also GHSC, SSC, SSC)
HLB	hydrophilic-lipophilic balance
HM	horizontally stabbed (mounted vertically)
hm	hectometer – 100 meters
H _{MAX}	maximum wave height
HMC	horizontal machining center (see also HBM)
HMI	human machine interface (see also HUD, MMI)
HNBR	hydrogenated nitrile buna rubber (nitroxile)
HO	hang off; hands-off
HOA	hands-off-auto
HOGS	hinge over guidance structure
HOST	hinge over subsea template
HOV	human occupied vehicle (manned submersible, submarine) (see also AUV, ROV, UUV); high-occupancy vehicle
hp; HP	horsepower; high pressure
HPAM	hydrolyzed polyacrylamide
HPAPH	high pressure accumulator pressure high
HPAPL	high pressure accumulator pressure low
HPAPLL	high pressure accumulator pressure low low
HPC	high pressure cap; hydraulic production choke
HPCC	hydraulic production choke closed
HPCO	hydraulic production choke open
HPG	hydroxypropyl guar
hph; hp-hr	horsepower-hour
HPHT; HP/HT	high pressure/high temperature
HPT	hydro-pneumatic tensioner
HPU	hydraulic power unit (see also SHPU)
HPUCP	hydraulic power unit well control panel
HQ	headquarters
Hr; hr	hour
HR	human resources
HRB	hardness – Rockwell "B" scale
HRC	hardness – Rockwell "C" scale
HRFC	high resistant fatigue coupling
Hs	significant wave height (visual estimate of highest wave height) (see also H _{MAX})
HSBMS2	H-style (bidirectional) straight bore metal seal ("two" – OD/ID bore) (see also SBMS2)
HSC	hydraulic smart connector
HSE	health, safety, and environment; Health and Safety Executive (United Kingdom)
HSG	housing
HSLV	high set lubricator valve (see also LV)
HSP	hydraulic submersible pump (see also ESP)
HST	hanger seal test
HSW	hydraulic service wing
HT	high tension; horizontal tree (see also HXT); high temperature
HTML	hyper-text markup language
HTP	hydraulic test panel
HTS	harmonized tariff system (see also ECCN)
HTTP	hyper-text transfer protocol (internet) (see also FTP, TCP/IP)
HUD	heads-up display (see also HMI, MMI)
HUTU	hydraulic umbilical termination unit

HV	high voltage; hardness – "Vickers" scale
HVAC	heating, ventilation, and air conditioning
HVT	high voltage transfer
HW	hot work
HWL	hanger to wellhead lock
HWLV	hanger to wellhead lock ventilation
HVOF	high velocity oxygen fuel (thermal spray coating technique)
HWUL	tubing hanger to wellhead unlock
HXO	hydraulic crossover
HXT	horizontal subsea (Christmas) tree (see also VXT)
HYD	hydraulic
HYDL	tool hydraulic block lock
HYDU	tool hydraulic block unlock
Hz	hertz (cycles per second)
I	hydraulic horsepower per square inch; pipe moment of inertia
I-tube	a tube on the side of a platform for pulling an umbilical or cable from the sea floor to the surface (see also J-tube)
I3P	independent third party (design documentation review often by a PE or engineering consulting company) (see also BAVO, CA)
i.e.	that is (id est) (followed by a comma)
I/F	Interface
I/O	input/output
I2O	intelligent input/output
IADC	International Association of Drilling Contractors (see also IWCF)
IAP	instrument air pressure
IBC	international bulk containers
IBHP	initial bottomhole pressure
IC	input computer; integrated circuit
IC4	isobutene
IC5	isopentane
ICF	individual channel frequency
ICS	intervention control system (see also IWOCS)
ID	identification; inside diameter
IDC	inter-discipline check
IDMS	internal depth monitoring system
IDR	interim discrepancy record
IDS	interface data sheet
IE	instrument earth; industrial engineer; installation engineer (see also TECHN, TSP)
IEA	international energy agency (see also EIA)
IEC	International Electro-technical Commission (part of ISO) (see also ANSI, BS, DIN)
IEEE	Institute of Electrical and Electronics Engineers
IF	internal flush (thread type)
IFBS	integrated foundation bottom structure (subsea template frame)
IFP	initial flow pressure
IFR	infield referencing
IFS	in-line filtration systems
IFT	interfacial tension
IGES	initial graphical exchange specification
ihp	indicated horsepower
IIP	International Ice Patrol
ILC	intermediate logic cap (MQC with looped plumbing); intelligent local controller
ILTA	Independent Liquid Terminals Association (see also OCIMF)
IMCA	International Marine Contractors Association
IMMS	integrated marine monitoring system

IMO	International Maritime Organization
IMP	impregnated diamonds
IMPES	implicit pressure; explicit saturation
IMR	inspection, maintenance and repair (see also R&M)
IMT	integrated management team
In	indium (additive to aluminum anodes, see also Al-In-Zn)
IN	input
in	inch
in/hr	inch per hour
in/s; in/sec	inch per second
INC	inclinometer; incorporated
INCOSE	International Council on Systems Engineering
IND	inductor
INFO	information
INS	insert; integrated services; inertial navigation system (station keeping) (see also GIS, GPS)
INSP	inspection
INST	install; institute/institution
INT	interrupt
Intl.	international
IOR	increased oil recovery; (see also EOR)
IoT	Internet of Things (big data, connectivity-internet access to remote control and reading of devices)
IP	intellectual property; internet protocol
IPC	Institute for Interconnecting and Packaging Electronic Circuits
IPMS	integrated project management system (a computer based control system used for engineering documents)
IPR	inflow performance relation (reservoir engineering) (see also VLP)
IPT	integrated product team
IR	infrared; insulation resistance
IRAD	independent research and development
IRC	insert retrievable choke
IRG	inertial rate gyro
IRIG	inertial rate integrating gyro
IROP	instantaneous rate of penetration
IRS	Internal Revenue Service (United States)
IS	intrinsically safe
ISA	International Society of Automation (formerly Instrument Society of America)
ISB	intrinsically safe barrier
ISC	integrated services contract
ISIP	initial shut-in pressure
ISO	International Standards Organization (see also ANSI, BS, DIN, IEC)
ISS	Iron and Steel Society
ISV	injection swab valve
IT	insulated tubing; intervention tool; information technology
ITC	internal tree cap
ITL	information to lessee (operator) (United States) (see also CFR, LTL, NTL)
ITM	intervention tool module
ITP	internal tree plug
ITT	invitation to tender (see also EOI, RFP, RFQ)
IVE	integrated value engineering
IWCF	International Well Control Forum (see also IADC)
IWIS	intelligent (smart) well interface standard (control system communication protocol)
IWOCS	intervention (or installation) workover control system (see also ICS)
IWOP	intervene (in) well (workover) on paper (see also DWOP)

IWRC	independent wire rope core (wire rope, slings) (see also WRC)
IWV	injection wing valve
J	joule (a unit of work or energy equal to 10,000,000 ergs); pipe shear (torsional) modulus, productivity index (reservoir engineering) (see also IPR, VLP)
J-Bowl Tool	a tool with lugs on the side that access the J-slot profile in wearing bushing
JCPT	Journal of Canadian Petroleum Technology
JCT	junction
JH	jumper hydraulic
JHA	job hazard analysis (see also PHA, JSA, HAZOP, HAZID)
JIP	joint industry project
J-Lay	method of laying pipe
J-Mode	using a J-tool to recover an item with a J-slot (sometimes referred to J-in or J-out)
J-Slot	a machined recess or cut-out in the form of a J
J-Tool	a tool with external lugs that access the J-slots machined in an item
JMT	jumper measurement tool
JONSWAP	Joint North Sea Wave Project – used in conjunction with defining a set of ocean waves and the spectral energy those waves produce
JPR	job performance report
JPT	Journal of Petroleum Technology (SPE trade journal)
JPU	jack-up production unit
JSA	job safety analysis (morning safety meetings, OSHA) (see also PHA, JHA, HAZOP, HAZID)
J-tube	a tube on the side of a platform for pulling a pipeline from the sea floor to the surface (see also I-tube)
J-T	Joule-Thompson (thermodynamic effect) (a temperature drop as a gas goes through a pressure drop (like a choke))
JXT	jack-up (subsea) Christmas tree (mudline wellhead) (see also CM, OBS-C)
k	kilo (prefix, thousand, 10^3); thermal conductivity (Btu/hr-ft-°F, or Watt/m-°K); pipe radius of gyration
KB	kelly bushing(s) (see also RKB)
KBG	Kongsberg (Norway); FMC Kongsberg Subsea (see also FKS)
KBR	Kellogg Brown and Root (a company)
Kbps	kilo (1,000) bits per second
KC	KOS-Con (collet connection or hub profile)
kg	kilogram
kg/m ³	kilograms per cubic meters
kg _f	kilogram-force
kHz	kilohertz
kip; kips	1,000 pounds-force (lb _f)
kJ	kilo Joule
kl; kL	Kiloliter
Km	kilometer
km/hr	kilometer/hour
kN	kilo Newton (2,200 lb _f – metric ton (tonne))
kNm	kilo Newton meter (torque)
KOP	kickoff point; kickover point; Kvaerner Oilfield Products (now Aker Solutions - a company)
KOS	Kongsberg Offshore a.s. (see also FKS, KBG)
kPa	kilopascal
KPI	KOS provided items; key performance indicator
Kr; kr	Kroner (see also NOK)
ksi	1,000 psi
Kv	flow factor (flow rate passing through a valve or choke (cubic meters/hour) at 1 bar pressure drop – metric version of Cv, where Kv= 0.853 Cv)
l/m	liters per minute
l/s; L/s	lines per second; liter per second

I; L	liter
LACT	lease automatic custody transfer unit
LACTI	lead-approve-consult-task-inform (stage gate process chart – roles and responsibility used by FMC Technologies) (see also RACI)
LAF	load amplification factor (see also DAF)
LAFC	layaway flowline connection
LAL	low liquid alarm
LAMV	lower annulus master valve
LAN	local area network
LARS	launch and recovery system
LAS	laser alignment system; log ASCII standard (Canadian Well Logging Society)
LASER	light amplification by stimulated emission of radiation
LAST	lowest anticipated service temperature
lat	latitude
lb	pound (see also lb _f)
lb/bbl	pounds per barrel (not ppb)
lb/ft ³	pounds per cubic foot
lb/gal	pounds per gallon
lb/in ²	pounds per square inch (see also psi)
lb _f ; lb _f	pound-force; pound (see also lb)
lb _f -ft	pound-feet (torque, moment; ft-lb _f is preferred)
LBL	long base line (acoustic position referencing) (see also DVL, SBL and USBL)
lb _m ; lb _m	pound-mass; poundal
lb _m /ft ³	pounds-mass per cubic feet
lb _m /gal	pounds-mass per gallon
LBO	lifeboat operator
lbs; #	pounds; pounds-force (lb _f)
LC50	lethal concentration at 50% population death rate
LCAT	land connector actuation tool
LCD	liquid crystal display
LCM	lost circulation material
LCP	local control panel
LCSG	API casing long thread
LCT	life cycle test
LCU	logic control unit
LCV	level control valve
LD	lockdown; rigid lockdown
LDP	liquid dye penetrant (see also LP)
LDHI	low dosage hydrate inhibitor
LED	light emitting diode
LEL	lower explosive limit
LER	local equipment room
LF	low frequency
LFL	lower flammable limit
LFM	limited fine mesh
LG	large; lignosulfate; long
LGS	low gravity solids
LH	left hand
LIH	lost in hole; left in hole
LIMV	lower injection master valve
lin ft	linear foot
LiPo	lithium polymer (battery)
liq.	liquid
LIS	log information standard

LIST	listing
LIT	lead impression tool
lm	lumen (light intensity - candlepower)
LMC	least (minimum) material condition (max/min dimensional tolerancing) (see also MMC)
LMP	load management program
LMRP	lower marine riser package
LMU	load management unit
LNBR	low temperature nitrile buna rubber
LNG	liquefied natural gas
LOI	letter of intent
LOLA	linear override lockout assemblies (ROV tooling for subsea actuators)
long.	longitude
LOOP	Louisiana Offshore Oil Port
LOPA	layers of protection analysis
LOT	linear override tools (ROV tooling for subsea actuators); leak-off test (drilling)
lp; LP	low pressure; line pipe; liquid (dye) penetrant (see also LDP, LPT)
LPAPH	low pressure accumulator pressure high
LPAPL	low pressure accumulator pressure low
LPG	liquefied petroleum gas
LPMV	lower production master valve
LPT	liquid penetrant testing; low pressure test
LRFD	load (and) resistance factor design (combined load FEA methodology) (see also WSD)
LRP	lower riser package (obsolete and replace with WCP)
LRQA	Lloyd's Register of Quality Assurance
LRTJ	lower riser tensioner joint
LS	landing string (internal to drilling riser - for TH and XT) (see also C/WOR)
LSL	low liquid level
LSLL	low-low liquid level
LSRP	long stroke rod pump
LT	long ton (2,240 pounds); load test
Ltd.	limited
LTL	lower tree lock; letter to lessee (operator) (United States) (see also CFR, ITL, NTL)
Ltox	low toxicity
LTST	lower tree seal test
LTSTV	lower tree seal test valve
LTU	lower tree unlock
LUB	lubricate
LV	lubricator valve (see also HSLV)
LVDT	linear variable displacement transducer/transmitter
LWI	local work instructions (see also GWI); light well intervention (see also RLWI)
LWRP	lower workover riser package (LWRP = WCP + EDP)
LY	flashing light
m	milli (prefix, one thousandth, 10^{-3}); meter
M	mega (prefix, million, 10^6 , also sometimes used as prefix in some oil industry terms representing one thousand, 10^3); Monel metal
M&F	male and female
M/T	mechanical technician
MA	mechanical assembly; master of arts
mA	milliampere; milliamps
MACH	machine; times the speed of sound (Mach 1 = speed of sound)
MAF	mis-alignment (swivel) flange; mass air flow; million acre-feet; master address file
MAG	magnetic; magnetometer; magnesium (see also Mg)
MAINT	maintenance
MAN	manual

MAO	manual annulus outlet (gate) valve
MAOP	maximum allowable operating pressure (see also RWP)
MARPOL	International Convention for the Prevention of Pollution from Ships
MAT'L	material
MAX	maximum
Mb	mega bits
MB	mega bytes
MBIP	management by improving processes (see also MOC)
MBO	management by objective
Mbps; Mps	mega bits per second (sometimes pronounced " <i>MIPS</i> ")
MBT	methylene blue test
MCB	miniature circuit breaker
MCC	motor control center
MCM	million cubic meters
MCP	master control panel
MCS	master control station
MCU	master control unit
MD	measured depth (well) (see also MRKB, TD)
mD	milli Darcy (a unit of permeability or porosity through rock)
MDI	multiple document interface
MDIS	metadata interchange specification; MCS-DCS interface specification (see also DCS, SEAFOM, SIIS)
MDM	maximum design meter; metal-dielectric-metal; medium
MDS	material data sheet
MECH	mechanical
MEG	mega-ohm; million ohms; mono ethylene glycol; glycol (see also TEG)
MEGI	Mobil Equatorial Guinea Inc. (a subsidiary company of ExxonMobil)
MEHD	minimum effective hole diameter
MEL	master equipment list (see also BOM, MOC)
MEM	memory
MEMS	micro-electromechanical system (nanotechnology)
MENA	Middle East - North Africa
MeOH	methanol (slang chemical formula)
MER	maximum efficient rate (reservoir production rate and drawdown pressure without damage to formation, also known as "bubble point")
MeV	mega-electron volts
MF	medium frequency
MFG	manufacturing
MFR	manufacture
Mg	magnesium (see also MAG)
mg	milligram
mg/kg	milligrams per kilogram
mg/l; mg/L	milligrams per liter
MGR	manager
MHA	mating hub assembly
MHGR	mudline hanger (mudline wellhead) (see also MLS, SD, OBS)
MHLS	mudline hanger landing sub (mudline wellhead, same as MHRT) (see also MLS, SD, OBS)
MHRT	mudline hanger running tool (mudline wellhead, same as MHLS) (see also MLS, SD, OBS)
MHTBS	mudline hanger tie-back sub (mudline wellhead) (see also MLS, SD, OBS)
MHz	mega-Hertz
Mi	mile
MI	malleable iron
MIC	microphone; microbial induced corrosion (see also ADB, SRB); micrometer (often pronounced " <i>MIKE</i> ")

MICU	modular intervention and construction unit
MIE	Ministry of Industry & Energy (Norwegian)
MIG	metal inert gas (welding) (see also GTAW, SAW, TIG)
MIL	Military
MIL-SPEC	military specification (United States)
MIL-STD	military standard (United States)
Min	minimum; minute
MINI	Miniature
MIS	management information services
MIV	methanol (or MEG) injection valve
MKT	market; marketing
ML	mudline (seafloor)
ml; mL	milli liter
MLLW	mean lower low water (low tide sea level)
MLS	mudline suspension system (mudline wellhead) (see also SD, OBS)
MM	manifold module; man-machine interface (see also HMI, MMI); Merchant Marine; million, (also sometimes used as prefix in some oil industry terms representing one thousand thousand, 10 ⁶)
mm	Millimeter
MMbbl	million barrels
MMBOE	millions of barrels of oil equivalent
MMC	maximum material condition (max/min dimensional tolerancing) (see also LMC)
MMCFPD;	million cubic feet per day
MMCF/d	
MMD	Merchant Marine Document
MMI	man machine interface (see also HMI, HUD)
MMO	magnetic method of operation
MMP	minimum miscibility pressure
MMRS	maintenance, modification, refurbishment, and storage (FMC customer service)
MMS	Minerals Management Service (United States) (replaced by BOEM/BSEE) (see also UKDOE, NPD, BLM); multimedia message service (cell phone messaging) (see also SMS)
MMSCFD;	million standard cubic feet per day
MMSCF/d	
Mn	Manganese
mN	milli Newton
Mo	Molybdenum
MoS ₂ ; MoS ₂	molybdenum disulfide
MOB	man overboard; mobilize
MOC	management of change (see also MBIP), materials of construction (see also BOM, MEL)
MOD	modification; modify; module
MODEM	modulator-demodulator (digital (computer) to analog line interface)
MODU	mobile offshore drilling unit (jack-up, semisubmersible, drillship)
MOM	marine operations manual; minutes of meeting
MPa	mega Pascal (see also bar)
MPFM	multi-phase flow meter (see also MPM)
MPI	magnetic particle inspection
MPM	multiphase meter (see also MPFM)
MPMS	manual of petroleum measurement systems (API)
MPP	multiphase pump
MPQ	manufacturing (material) process qualification (supply chain)
MPQP	manufacturing (material) procurement quality process (plan) (supply chain)
MPT	minimum pulse time; magnetic particle test
MQC	multi-quick connect (see also QC, QCDC, QD); mechanical quick connect
MR	material review

MRB	manufacturing record book ("material review board" obsolete and replace with NRB)
MRD	material review deposition
MRKB	mean rotary kelly bushing (distance reference point) (see also MD, TD)
MRP	materials requirement planning; moveable ROV panel
MRU	motion reference unit (heave compensation control)
MS	multi-shot; master of science (degree)
MSA	Mine Safety Appliances (company); master services agreement (contract); multi-service access; memory subassembly; mean-square average (see also RMS)
MSBMS	miniature (mini) straight bore metal seal (see also XEMS, SBMS)
mscf/d; MSCFD	a thousand standard cubic feet per day
MSDS	material safety data sheet(s) (obsolete and replace with SDS)
MSL	mean sea level
Mspec	material specifications
MSRC	Marine Spill Response Corporation (United States) (see also OSPRAG)
MSS	Manufacturers Standardization Society of the Valve and Fittings Industry; mobile servicing system
MSSVS	multi-schedule smart vent system
MST	magnetic steering tool
MSV	multi-service vessel
MSW	meters of seawater
mT	metric ton (tonne) (2,200 lb _f – sometimes referred to as 1,000 kg) (see also Te, T, kN)
MT	maintenance and troubleshooting; measured thickness; mount; mechanical technician
MTBF	mean time between failures
MTTR	mean time to repair
MTC	mud-to-cement
MTR	mill test report; meter (device)
MTS	Marine Technology Society
MTU	manifold termination unit
μ	micro (prefix, micro, one millionth, 10 ⁻⁶)
MUT	make-up torque; multi-use tether
MUX	multiplex (an electro-hydraulic control system)
MVB	master valve block (see also PVB)
MW	mud weight; mega Watt
MWP	maximum working pressure
MWS	mini-work station
MQC	multi (multiple) -quick connect
n	nano (prefix, one billionth, 10 ⁻⁹)
N	nitrogen; Newton (2.2 lb _f)
N/A; NA	not applicable; not available; national acme (thread) (see also SA)
N/O	normally open
Na	sodium
NACE	National Association of Corrosion Engineers
NaCl	sodium chloride
NAS	National Aerospace Specification/Standard; National Aeronautics Society
NASA	National Aeronautics and Space Administration (United States)
Nat	native; natural
Natl.	national
Nb	niobium (formerly columbium - Cb)
NB	near bit; nominal bore; Note Bene (Latin) note especially
NBR	nitrile buna rubber (buna N or NBR)
NBS	National Bureau of Standards (United States)
NC	numbered connection, numerically controlled (see also CNC)
NCR	nonconformance report (see also FNCR)
NCRI	nonconformance rework instruction


NCS	Norwegian Continental Shelf
NDE	non-destructive examination
NDT	non-destructive testing; nil-ductility transition temperature (see also CVN)
NDT/E	non-destructive testing/examination
NE	Northeast
NEC	National Electrical Code; Nippon Electric (a company); necessary
NEG	negative
NEMA	National Electrical Manufacturers' Association
NFPA	National Fire Protection Association
NGL	natural gas liquid
Ni	nickel
NI	nickel iron
NIM	network (Ethernet IP) interface module (see also DTS, SIM, VIM)
NIST	National Institute for Standards and Technology (United States - formerly National Bureau of Standards) (see also OIML)
nm	nano meter
NM	nonmagnetic; nautical mile
N-m	newton-meter
NMR	nuclear magnetic resonance
NNS	Northern North Sea
NO	number
NOA or NOAA	National Oceanographic and Atmospheric Agency (United States) (see also EPA; OSPAR)
NOK	Norwegian Kroner
nom	nominal
NORM	normal; normally occurring radioactive material
NORSOK	Norsk Søkkel Konkuranseposisjon (Norwegian joint standards group)
NOX; NO _x	nitrous oxide; nitrogen oxide; non-expanding
NP	nominal schedule pipe
NPD	Norwegian Petroleum Directorate (see also PSA)
NPN	negative-positive-negative (transistor construction – more common) (see also PNP)
NPO	nominal schedule pipe
NPS	nominal pipe size
NPT	nominal pipe thread; non-productive time (also known as “flat time”)
NPTF	nominal pipe thread female
NPTM	nominal pipe thread male
NPV	net present value (see also PV)
NRB	non-conformance review board (formerly material review board - MRB)
NRC	Nuclear Regulatory Commission (United States)
NRS	non-rising stem
NS	North Sea
NSG	North-seeking (gyro) gyroscope
NT	non-toxic
NTL	notice to lessee (operator) (United States) (see also CFR, ITL, LTL)
NTNU	Norges Teknisk-Naturvitenskapelige Universitet (Norwegian University of Science and Technology, see also NTU)
NTS	Norwegian Technology Standards Institute
NTSC	National Television System Committee (video format) (see also PAL, SECAM)
NTU	nephelometric turbidity unit (cloudiness of fluid), number of transfer units (heat transfer – heat exchanger efficiency calculation); Norwegian University of Science and Technology (see also NTNU)
NVIC	navigation and vessel inspection circular (USCG)
NW	Northwest
NWECS	North West European Continental Shelf
O/H	overhead

O/W	oil to water ratio
OBM	oil based mud (see also SBM, WBM)
OBS	obsolete; ocean bottom suspension (mudline "stack up" wellhead) (see also MLS, SD)
OBS-II	ocean bottom suspension 2 (second generation)
OBS-C	ocean bottom suspension – completion (mudline wellhead) (see also CM, UWC)
OCIMF	Oil Companies International Marine Forum (see also ILTA)
OCS	outer continental shelf (often refers to United States GOM outer continental shelf)
OCTG	oil country tubular (tubular) goods (API)
OD	outside diameter
ODI	Ocean Design, Inc. (a company)
OE	ocean engineer; offshore engineering; Offshore Engineer (trade magazine)
OEC	other end connection
OEM	original equipment manufacturer
OFDM	orthogonal frequency division multiplexing (wireless communication and networking)
OFE	owner furnished equipment
OFP	open-flow potential
OGJ	Oil & Gas Journal (trade magazine)
OGP	Oil & Gas Producers (North Sea) (see also OOC, UKOOA)
OH	open hole; hydroxide ion (OH ⁻)
OII	Oceaneering International Inc. (a company)
OIM	offshore installation manager (rig or platform manager, company man)
OIML	Organisation Internationale de Métrologie Légale (International Organization of Legal Metrology) (see also NIST)
OIP	oil in place
OIS	operator interface station
OMA	overshot metrology adapter
Ω	ohm; omega
OMUS	Oceaneering Multiflex USA (a company)
ONGC	Oil and Natural Gas Commission (India); Oil and Natural Gas Corporation (a company)
oo	out of (used in the voting logic description for autonomous logic solvers in HIPPS control systems – for example "2oo3" means 3 sensors are looked at by an electronic circuit "logic solver" and a positive response is mandated if 2 out of the 3 sensors are reading the same required value)
OOC	Offshore Operators Committee, New Orleans and Houston (see also OGP, UKOOA)
OOIP	oil originally in place; original oil in place (see also STOOIP)
OP	operations procedure
OPD	original product definition; official protraction diagram (flat plane mapping coordinates - lease block coordinates) (see also UTM)
OPEC	Organization of Petroleum Exporting Countries
OPER	operating
OPITO	Offshore Petroleum Industry Training Organization (United Kingdom)
OPS	operations
OPV	offshore production vessel
OR	orange
OREDA	offshore reliability data (North Sea)
ORG	increase critical rate to gas; organization
ORW	increase critical rate to water
OS&Y	outside screw and yoke
OSC	oscillator
OSC-G	outer shelf continental-Gulf of Mexico (see also OCS)
OSHA	Occupational Safety and Health Administration (United States)
OSPAR	Oslo-Paris Commission for the protection of the Marine Environment of the North-East Atlantic (EU) (see also EPA; NOAA)
OSPRAG	Oil Spill Prevention and Response Advisory Group (United Kingdom) (see also MSRC)


OSR	oil/steam ratio
OTC	Offshore Technology Conference (conference)
OUT	output
OWC	oil/water contact
OWL	offshore wells & leases
P	pico (prefix, one trillionth, 10^{-12}); Poise (viscosity); producing; production
P&I	piping and instrumentation (flow schematic)
P&ID	piping and instrumentation diagram
P/L	pipeline
P/N	part number
P/T	pressure-temperature
Pa	pascal (pressure)
PA	public address; public alarm (system)
P/A; P&A	plug and abandon (well) (see also T/A)
PADED	pressure activated directional extraction device
PAL	programmable array logic; phase alternating line (video format, see also NTSC, SECAM)
Pb	lead
PBOF	pressure balanced oil filled
PBT	production bore test
PC	perforated casing; personal computer (see also RTC, RTPC); printed circuit; pulsating current
P-C	Petro-Canada (a company, now Suncor)
PCB	printed circuit board
PCC	production choke close
PCD	polycrystalline diamond
PCH	pressure control head (wireline stuffing box)
PCIV	production chemical injection isolation valve
PCM	pulse-code modulation; process coordination method; product change management; power control module
PCO	production choke open
PCP	progressive cavity pump
PCS	production control system; progress control system; platform control system
pct; %	percent (or parts per hundred 10^{-2})
PCT	patent cooperation treaty
PCU	pressurization control unit; process control unit; production control unit
PCV	production choke valve (see also POV)
PCVD	production choke valve decrease
PCVI	production choke valve increase
PD	preliminary design; pig detector (also known as a pig signal or pig-sig, see also APD)
PDA	pre-delivery acceptance
PDC	polycrystalline diamond compact (drill bit)
PDF	portable document format (Adobe Acrobat); pseudo-derivative-feedback (automated control system algorithm) (see also PID)
PDM	positive-displacement motor; product data management
PDQ	production (or process) drilling and quarters (semi-submersible) (see also PQ)
PDR	preliminary design review
PDU	power distribution unit
PE	project engineer; product engineering; professional engineer; pigging loop electrical connection; protective earth; plain end (tubing connection classification) (see also EUE)
PEC	peripheral exchange chassis
PEEK	poly-ether-ether-ketone
PEL	permissible exposure limit
PEP	project execution plan
Perf	perforations

PERT	progress (or program) evaluation and review technique (project management scheduling)
PESA	Petroleum Equipment Suppliers Association
PETE	portable electronic testing equipment
PETEX	Petroleum Extension Service (University of Texas)
PFD	personal flotation device; process flow diagram; probability of failure on demand (see also HFT, SFF)
PFL	production flowline connector; power flying lead (see also HFL, EFL and SFL)
PFU	production flow unlock
PGB	permanent guide base
PGPL	pre-packed gravel-packed liner
PGV	pigging valve
PH	pigging loop module valve
pH	acidity - alkalinity measurement
PHA	process hazard analysis (morning safety meetings, OSHA) (see also JSA, JHA, HAZOP, HAZID)
PHC	passive heave compensation (see also AHC)
PhD	doctor of philosophy (degree)
PHT	pre-heat treatment (welding) (see also PWHT)
PI	productivity index (reservoir); proposal insert; product index; pressure intensified (seals); pitting index (corrosion, see also PRE, PREN); paraffin inhibitor; 3.14159 (π)
PIA	pre-installation acceptance
PIC	person-in-charge (see also COC); process improvement committee
PID	proportional-integral-derivative (automated control system algorithm) (see also PDF); piping & instrumentation diagram
PIM	product information management
PIP	peripheral interchange program; push in place; pump into place
PIV	production isolation valve
PKG	Package
Pkr	Packer
PL	perforated liner; plugged
PL/A	plugged and abandoned
PLC	places; programmable logic controller
PLCM	power line carrier modem
PLEM	pipeline end manifold
PLET	pipeline end termination (associated with either first or second end pipeline connection work); pipeline elevated tie-in (associated with in-line pipeline connection work)
PLFS	power line filter single
PLM	pigging loop module
PLMS	power line modem single
PLMV	production lower master valve
PLP	pig loop porch
PLT	pipeline end termination
PM	project manager; polymer; preventive (or planned) maintenance; pig module
PMC	product management center (FMC Technologies – product line engineering)
PMP	pumping; project management plan
PMPE	project management/project engineering
PMR	project management review
PMRB	primary material review board
PMT	pre-measurement tool; pipe measurement tool; pressure test and monitoring tool
PMV	production master valve
PN	pressure (pression) nominal (valve pressure designation [approx. in bars] per API 598, ASME B16.5, ASME 16.34, and ISO 5208 and ISO 7005, see also DN)
PNL	Panel
PNP	positive-negative-positive (transistor construction – less common) (see also NPN)

PNR	problem notification report
PO	purchase order
POB	personnel (or persons, or people) on board (ship)
POC	point of contact (communication – responsible party)
POL	Policy
POOH	pull out of hole
PORRT	packoff running and retrieving tool
POS	position; positive; point of service
POT	Potentiometer
POV	point of view; pipeline (or production) orifice valve (a two-position PCV; a fail open gate valve with an orifice bean in gate's closed position) (see also PCV)
pp	partial pressure (pressure of a mixed gas times the % of a single particular gas)
PP/PT	production pressure and temperature sensor
ppb	parts per billion (10^{-9})
PPE	personal protective equipment
ppg	pounds per gallon
PPM	pulse position modulation
ppm	parts per million (10^{-6})
PPN	preferred provider network
PPP/IP	point-to-point control protocol/internet protocol
PPSD	partial process shut-down
ppt; ‰	parts per thousand (10^{-3})
PQ	production (or process) and quarters (semi-submersible) (see also FPF, FPS, PDQ)
PQP	product qualification plan
PQR	procedure qualification record (or report)
PR	purchase requirements; purchase requisition; performance requirement (API); (drill) pipe ram (BOP) (see also BR, BSR, SSR, VBR)
PR1	performance requirement - level one (API)
PR2	performance requirement - level two (API)
PRD	project requirement documents
PRE; PREN	pitting resistance equivalent (number) (corrosion, see also PI)
PRESS	Pressure
PROC	Procedure
PROG	program/programmable
PROGR	Programmer
PROJ	projector; project
PROM	production operating manual; programmable read only memory (see also EPROM, EEPROM, ROM, WORM)
PROT	Protector
PRS	pipeline repair systems
PS	purchase specifications; pressure (safety) sensor
PSA	Petroleum Safety Authority (Norway) (see also NPD)
PSD	particle size distribution; production (or process) shut-down
PSDV	production (or process) shut-down valve
PSH	pressure (safety) sensor high
PSHC	production shear closed
PSHL	pressure (safety) sensor high-low
PSHO	production shear open
psi	pounds per square inch (always lowercase)
psia	pounds per square inch absolute
psig	pounds per square inch gauge
PSL	pressure (safety) sensor low; pressure specification level; product (process) specification level (API)
Pspec	purchasing specification

PSM	protection-storage-maintenance (manual)
PSRST	production system review and selection task
PSSS	production safety shut-down system
PSU	practical salinity unit (equivalent to parts per thousand based on potassium chloride KCl solution)
PSV	pressure safety valve; production and storage vessel; production swab valve / production shear valve
PT	point; pressure transmitter
Pts	Points
PTCD	positive temperature coefficient thermistor board
PTD	project to date
PTFE	polytetrafluorethylene (Teflon®)
PU	porosity unit; pick up
PUMV	production upper master valve
PUP	pipe utility piece (short piece of pipe)
PUR; PURCH	Purchasing
PV	plastic viscosity; pore volume; pigging valve; present value (see also NPV)
PVB	production valve block (see also MVB)
PVC	polyvinyl chloride
PVP	process-voltage-pressure (see also PVT)
PVT	pressure-volume-temperature (reservoir analysis); process-voltage-temperature (see also PVP); performance verification test (validation or qualification testing); pit volume totalizer
PWHT	post weld heat treatment (see also PHT)
PWR; 	power
PWM	power width modulation (electric power - motor speed)
PWRI	produced water re-injection
PWV	production wing valve
QA	quality assurance
QC	quality control; quick connect (see also MQC)
QCDC	quick connect-disconnect (see also MQC)
QD	quick disconnect (see also MQC, EQD)
QE	quality engineering
QM	quality manager; quality matrix
QMS	quality management system
QP	quality plan
Qspec	quality specification
Qt	quart
QTC	quality (or qualification) test coupon (API)
QTP	qualification test procedure
QTR	quarter (or quarterly – 3 months, sometimes referred to as Q)
Qty	quantity
QUAL	qualification
R&D	research and development
R&E	research and engineering
R&M	repair and maintenance (see also IMR)
R&R Tool; R/R Tool; RRT	running and retrieval tool
R/D	rig down (see also RD)
R/T	running tool (see also RT)
R/U	rig up (see also RU)
RACI	responsible-accountable-consulted-informed (stage gate process chart – roles and responsibility often used by oil companies) (often pronounced "RACE-EE") (see also LACTI)
Rad	radians (geometric angle - see also deg, grads); Roentgen (or radiation) absorbed dose
RADAR	radio detection and ranging

RAM	random access memory (see also ROM); reliability-availability-maintainability (analysis)
RAO	random amplitude operator (mathematic algorithm – used to define a ship or surface vessel's motion given a particular set of ocean waves)
RB	roller bearing
RB/d	reservoir barrel per day
RBD	reliability block diagram (see also FT, FTA)
RCA	root cause analysis; remote cable anchor (used with subsea wire rope guidelines) (see also GL, GW)
RCDR	recorder
RCH	reach; remote (or rotating) control head (managed pressure drilling)
RCJ	riser cross-over joint
RCMS	rough casing metal seal
RCP	remote control panel
RCPA	root cause preventative action (see also RCA)
RCVR	receiver
RD	road; rig down (disassemble) (see also RU)
RDD	rigid disk drive
REC	receiving
RECEPT	receptacle
REF	reference
REG	regular/regulator
REL	recommended exposure limit
REM	remove
REP	repair
REQ	require/requirements
RES	resistor
res bbl	reservoir barrel
RET	return
REV	revision
RF	relaxed filtrate; radio frequency
RFC	revised for construction
RFD	revised for design
RFI	request for issue
RFID	radio frequency identification (wireless communication protocol)
RFP	request for proposal (see also EOI, ITT, RFQ)
RFQ	request for quotation (see also EOI, ITT, RFP)
RGB	red, green, blue (video standard EIA RS-170)
RH	relative humidity; right hand
RI	rework immediately
RICAS	replaceable inboard cap assemblies (subsea horizontal pipeline connection, see also UTIS)
RID	review item disposition
RIFIC	ram injected flowline induction coupler
RIH	run in hole (see also TIH)
RIT	receiving inspection testing
RKB	rotary (or rig) kelly bushing(s) (see also KB, MRKB)
RL	roll
RLMS	riser load monitor system
RLWI	riserless (or rigless) light well intervention (see also LWI)
Rm	resistivity of mud
Rmc	resistivity of mud cake
Rmf	resistivity of mud filtrate
RMM	retrievable manifold module
RMPP	riser mounted park plate
rms; RMS	root-mean-square (usually associated with surface finish (smoothness))

RND	round
ROM	read only memory (see also RAM, PROM, WORM); rough order of magnitude
ROP	rate of penetration (drilling)
ROS	residual oil saturation
ROT	remotely operated tool
ROV	remotely operated vehicle (see also AUV, UUV)
ROVSV	remotely operated vehicle support vessel; ROV operated safety valve
ROW	right of way
RP	rod pump; recommended practice (API)
RPGB	retrievable permanent guide base
RPLM	retrievable pigging loop module
rpm	revolutions per minute
RPN	risk priority number (HAZOP or FMECA analysis – a severity ranking value)
RPT	report
RQ	reportable quantity
RS	rising stem; recommended standard (example RS-232)
RSE	remote sensor engine (controls architecture – Schilling Robotics) (see also DTS)
RSFO	regional supervisory field office (BOEM/BSEE regional or district office)
RSS; 	rich site summary; really simple syndication (internet XML language data format); rotary steerable system (directional drilling) (see also SMA)
RSTP	real time streaming protocol (Ethernet and video transmission), rapid spanning tree protocol (IEEE 802.1)
Rsw	resistivity of sea water (cathodic protection)
Rt	resistivity; true formation; right
RT	radiography testing; right; rotary table (elevation); running tool (see also R/T)
RTC	real-time computer (see also RTPC)
RTD	resistance temperature device
RTJ	ring type joint
RTOL	real-time operating limits (drilling or completion riser monitoring) (see also ACME, WAMS)
RTPC	real-time PC (see also RTC)
RU	rig up (assemble or stack-up) (see also RD)
RV	retainer valve
Rw	resistivity of formation water
RWK	rework
RWP	rated working pressure (see also MAOP)
RX	radio receiver (incoming) (see also TX)
Rxo	resistivity of flushed zone
S	sand; suspended; Siemens (electric conductance or admittance – inverse of electric resistance (alternate units – mho or Ω))
s	second (time)
S&HO	stab & hinge over
S/N	serial number
S-N	stress vs. number of cycles (often referred to as a SN curve – mechanical fatigue) (see also SN)
S/W	software
Sa; SA	maximum allowable tensile strength; stub acme (thread) (see also NA)
SACS	structural analysis computer system (beam/column FEA software) (see also STAAD)
SAE	Society of Automotive Engineers
SAF	stress amplification factor (see also SCF, SIF)
SAFOP	safety and operability (analysis)
SAG	successful alliance groups; secure application gateway
SAGD	steam assisted – gravity drainage (steam flood-heavy oil recovery method)
SALM	single anchor leg mooring
SAP	Sanduhr Anzeige Programm (German software) (a company)

SAPP	sodium acid pyrophosphate
SAS	safety automation system; Subsea Asset Services (a company)
SAW; SMAW	submerged (metal) arc welding (see also GMAW, GTAW, MIG, TIG)
SB	saturated brine
Sb	bending stress; antimony
SBL	short base line (acoustic position referencing) (see also DVL, LBL and USBL)
SBM	single buoy mooring; SBM (a company); synthetic based mud (see also OBM, WBM)
SBMS	straight bore metal seal (see also XEMS)
SBMS2	straight bore metal seal ("two" – OD/ID bore) (see also HSBMS2)
SBOP	surface blowout preventer (surface BOP drilling from a MODU) (see also SID)
SBR	Shawmount Brown and Root (a company) (see also KBR)
SBS	short bore selector; straight bore selector
SBX	subsea BX gasket – an API (17D) BX metal gasket with special drilled holes to allow it to be made up with a 6B or 17SS flange underwater
SC	source code; safety case (see also SEMP)
SCADA	supervisory control and data acquisition (see also CPAS)
SCC	stress corrosion cracking (embrittlement corrosion) (see also GHSC, HISC, SSC)
SCE	sanction cost estimates
SCF; scf	standard cubic feet; stress concentration factor (see also SAF, SIF)
scf/bbl	standard cubic feet per barrel
SCFD; scf/d	standard cubic feet per day
SCHEM	schematic
SCM	subsea control module
SCMMB	subsea control module mounting base
SCP	sustained casing (annulus) pressure; slow circulating pressure (drilling)
SCR	screw; screen; steel catenary riser; silicon-controlled rectifier (motor speed) (see also ASD, VSD); slow circulating rate (drilling) (see also SCP)
SCRAMS	surface controlled reservoir analysis and management system (smart well completion) (see also DIACS, IWIS)
SCSI	small computer systems interface
SCSSV	surface controlled subsurface safety valve (a DHSV that is controlled remotely from the surface)
SCU	subsea control unit; secondary connector unlock
SCUBA	self-contained underwater breathing apparatus
Sd	standard day
SD	sand detector (see also ASD); stacked down (mudline wellhead) (see also MLS, OBS) ; shut-down
SDC	single discipline check
SDS	subsea drilling systems; system data sheet; safety data sheet(s) (formerly MSDS) (United States – OSHA) (see also HAZMAT)
SDSS	super duplex stainless steel (see also DSS)
SDU	subsea distribution unit (see also EDM, EDU and HDM)
SDV	shut down valve (see also BSDV, SSIV)
Se	maximum allowable equivalent stress (see also Sm); selenium
SE	Southeast; screwed ends
SE1; SE2	step out umbilical electric power and signal
SEA	Southeast Asia (see also ER, WR)
SEAFOM	subsea fiber optic monitoring (protocol) (see also DCS, MDIS, SIIS, SWIS and CANbus)
SEC	second; section
SECAM	Séquentiel Couleur Avec Mémoire (French video format of PAL) (see also NTSC)
SECT	section
SEG	Society of Exploration Geophysicists
SEM	subsea electronics module; scanning electron microscope
SEMI	semi-submersible vessel

SEMP	safety and environmental management plan (or program) (see also SC, SEMS, SMS)
SEMS	subsea electronics modules; safety and environmental management system (BOEM/BSEE/OSHA) (see also PHA, JHA, JSA, HAZOP, HAZID, SMS)
SEPLA	self-embedding plate anchor
SES	side entry sub
SETE	subsea electronic test equipment
SF	safety factor (see also DF, FOS, FS); safe failure; surfactant
SFF	safe failure fraction (see also HFT, PFD)
SFL	steel flying lead (see also HFL, EFL and PFL)
SFLOC	smart flange with length of compensation (see also MAF)
SFT	surface tree (also known as flowhead or terminal head)
SG	specific gravity
Sh	shale
SHIP	shipping
SHLD	shield; or shielded
SI	shut-in; silicone; system international (metric)
SICP	shut-in casing pressure
SID	subsea (seabed) isolation device (used in conjunction with a SBOP)
SIF	safety instrumented function (see also SIS); stress intensity (intensification) factor (pipelines) (see also SAF, SCF)
SIIS	subsea (controls) instrument interface standard (see also SEAFOM, SWIS and CANbus)
SIL	safety integrity level
SIM	simulator; subsea intensifier module; serial interface module (see also DTS, NIM, VIM)
SIMOP	simultaneous operations; simulated operations (analysis) (see also HAZOP, SAFOP)
SINTEF	Stiftelsen for Industriell og Teknisk Forskning (Norwegian Research Company) (see also DNV, NTS, NTNU)
SIO	serial input/output
SIOLT	serial input/output line termination
SIP	shut-in pressure (see also SITP, SIWP)
SIR	supplier improvement request
SIT	systems integration test
SIS	safety instrumented system (see also HIPPS)
SICP	shut-in casing pressure
SIDPP	shut-in drill pipe pressure
SITP	shut-in tubing pressure (see also SIP, SIWP)
SIWP	shut-in tubing pressure (see also SIP, SITP)
SHP	shaft horsepower (dynamometer) (see also BHP, W)
SHPU	subsea hydraulic power unit (see also HPU)
SJ	slick joint
SK	stationkeeping (see also DP); sack(s) (see also SX)
SKT	sketch
SL	slotted liner; surface location; spring loaded; slim line (SBMS-SL)
SL Tool	spring loaded tool
S-Lay	method of laying pipe
SLC	single line coupler; slim line connector
SLD	slide; single line diagram (electric power)
SLS	soft landing system
SM	small
Sm	membrane stress
SMA	steerable motor assembly (directional drilling) (see also RSS); shape memory alloy (titanium-nickel alloy, often referred to as Nitinol)
SMC	system master controller
SME	subject matter expert; Society for Mining, Metallurgy, and Exploration

SMI	system master interface; service management interface; surface measuring instrument; ship manpower information
SMPP	safety management policies and procedures
SMS	safety management system (see also SEMS, SEMP); short message service (cell phone text messaging) (see also MMS)
Sn	tin (stannous)
SN	service notification (see also FFR, FNCR); seat nipple (wireline); stress vs. number of cycles (often referred to as a SN curve – mechanical fatigue) (see also S-N); signal to noise (ratio – sound, electrical communication, or power clarity-quality) (see also dB, dBA)
SNAME	Society of Naval Architects & Marine Engineers
SNS	Southern North Sea
SOA	sales order agreement
Soc	society
SOFAR	sound fixing and ranging (oceanography)
SOI	Shell Offshore Inc. (a company); solenoid
SOL	solenoid
SOLAS	safety of life at sea
SONAR	sound navigation and ranging
SOO	suspension of production/operations (BOEM/BSEE lease time extension); statement of objectives (see also SOS, SOW)
SOP	standard operating procedures
SOS	scope of supply (see also SOO, SOW); save our ship (distress signal)
SOURG	sour gas (see also H ₂ S)
SOV	solenoid operated valve
SOW	statement of work (see also SOO, SOS)
SP	spontaneous-potential; self-potential; single porch
SPC	stored program control; service processor controller; specification; special; specific; Shell Pipeline Corporation (a company)
SPCTU	subsea power & communication test unit
SPCU	subsea power and communication unit
SPE	Society of Petroleum Engineers
SPEC	specification (see also SPC)
SPECA	SPE Computer Applications
SPEDC	SPE Drilling and Completion
SPEDE	SPE Drilling Engineering
SPEFE	SPE Formation Evaluation
SPEJ	SPE Journal
SPEPF	SPE Production and Facilities
SPERE	SPE Reservoir Engineering
SPG	subsurface pressure gauge
SPI	stabilizer position indicator
SPM	single point mooring; strokes per minute (pumping)
SPMB	single point mooring buoy
SPP	standpipe pressure; suspended particulate phase
SPS	submerged (or subsea) production system (see also UMC); special purpose ships (IMO)
SPT	shallow pulse test
SPWLA	Society of Petroleum Well Log Analysts
SQ	square
SQDC	safety (HSE), quality, delivery, cost (priority of doing things)
sq mi	square mile
SQL	structured (or search) query language (databases); squelch (radio communications)
SR	senior; system specific requirements
SRB	(sessile) sulfur reducing bacteria (see also ADB)
SRI	subsea retrievable insert

SRIC	subsea retrievable insert choke
SRM	subsea router module (see also SCM); supplier relationship management (SAP term)
SRR	shop repair report
SRRD	sleeved rotational retaining device
SRT	secondary release tool (running tool)
SS	sandstone; stainless steel; subsea; subsurface
SSC	sulfide stress cracking (embrittlement corrosion) (see also GHSC, HISC, SCC)
SSCS	subsea control system
SSDV	semi-submersible drilling vessel (see also MODU)
SSF	subsea filter
S_{shr}, τ	allowable stress in shear
SSIV	subsea isolation valve (see also BSDV, SDV, AIV)
SSM	subsea modem
SSOI	safety system operator interface
SSR	shear seal ram (BOP or WCP) (see also BR, BSR, PR, SSR, VBR)
SSRT	slow strain rate test (see also CERT)
SSSV	subsurface safety valve (see also DHSV, SCSSV, TRSCSSV)
SST	stainless steel tank; service skills training
SSTT	subsurface (or subsea) test tree
SSV	surface safety valve (see also USV)
ST	steering tool; stoke; seal test; surface tree; swivel/turret/mooring; set (group quantity)
St	maximum allowable primary membrane stress (see also Sm, Se)
ST Tool	single trip tool
STAAD	structural analysis and design (beam/column FEA software) (see also SACS)
STAB	stabilizer
STAT	statim (immediately); strategic target account team (sales/marketing) (see also SWOT, SWOTT)
STB	stock tank barrel
STBD	stock tank barrel per day
STD	standard; stud tensioning device
STOOIP	stock tank original oil in place (see also OOIP)
STK	stock
STL	steel; submerged turret loading
STR	stranded; string
STRT	secondary tree release tool
STT	surface test tree; subsea test tree (see also SSTT)
STU	steel tubed umbilical
$S_u; S_{uts}$	ultimate tensile strength
SURF	surface; subsea hardware-umbilicals-risers-flowlines
SUT	Society for Underwater Technology
SUTA	subsea umbilical termination assembly (see also TUTA, UTA, UTH)
SV	safety valve (see also DHSV, SCSSV, SSSV, SSV, TRSCSSV, USV)
SVCS	services
SVCU	subsea valve control unit
SVS	subsea valve station
SW	Southwest; socket weld ends; salt water; switch
SWA	single wire armored
SWAG	simultaneous water and gas (well injection) (see also WAG)
SWF	shallow water flow
SWHP	shut-in wellhead pressure
SWIFT	structured what-if technique (risk analysis) (see also HAZOP)
SWiG	subsea wireless group (subsea wireless control system communication protocol)
SWIS	subsea well interface standard (control system communication protocol) (see also SEAFOM, SIIS and CANbus)

SWL	safe working load (lifting)
SWOT	strengths-weaknesses-opportunities-threats (marketing customer/competitor analysis) (see also STAT, SWOTT)
SWOTT	strengths-weaknesses-opportunities-threats-trends (marketing customer/competitor analysis) (see also STAT, SWOT)
SwRI	Southwest Research Institute (a non-profit, US government supported company)
Sy; S _{yd} ; SMYS	material minimum specified yield strength; yield stress (see also Ys)
SYS	system
SX	sack(s) (see also SK); saturation exploration (form of slimbore drilling)
T	testing; ton (2,000 lb _f) (see also mT, Te, kN); trillion (10 ¹²)
T/A; TA	temporarily abandoned; teaching assistant
T/C/W	treatment, completion, and workover
T1; T2; T3	well/tree #1, 2, 3
TA Cap	temporary abandonment cap
TAP	technical assessment plan (see also TRA&MP, TR&MP, FEED, TQP)
TB	technical bulletin
TBA	to be announced
TBC	tieback connector
TBD	to be determined
TBG	tubing
TBS	tieback sub
TC	test coupon (see also QTC); tree cap
TCB	tieback connector
TCF	trillion (10 ¹²) cubic feet
TCL	tree cap lock; tree connector lock
TCP/IP	transmission control protocol/internet protocol (see also HTTP, FTP)
TCRT	tree cap running (and retrieving) tool
TCRT	tree cap running tool
TCSL	tree cap soft landing
TCSU	tree connector secondary unlock
TCT	tree cap test; tree connector test
TCTV	tree connector test valve
TCU	tool control unit; tree cap unlock
TCV	tree cap/tree running tool pressure vent
TD	total (or target) depth (well) (see also MD, MRKB)
TDGO	Teledyne – D.G. O'brien (a company)
TDR	tool design review
TDS	total dissolved solids
TDU	tool deployment unit
Te	metric ton (tonne) (2,200 lb _f – sometimes referred to as 1,000 kg) (see also mT, T, kN)
TE	testing equipment; tree electric
TEC	Texas Employment Commission
TECH	technical, technology
TECHN	technician (see also IE, TSP)
TEG	tri ethylene glycol (see also MEG); thermoelectric generator (Seebeck thermocouple)
TEI	tree electric-inner tree
TEMP	temperature; temporary
TEO	tree electric-outer tree
TEP	target entry point
TERM	terminal
TF	topsides facilities
TFA	total flow area
TFE	Teflon® (tetrafluorethylene) (see also PTFE)
TFL	through-the-flowline; through flowline tools; through frame lift

TGB	temporary guide base
TH	tight hole; tree hydraulic; tubing head (spool); tubing hanger
THA	total hydrocarbon analyzer
THAS	tubing hanger adapter sleeve
THBP	tubing hanger bore plug
THC	total hydrocarbon conditioner
THCP	tubing hanger crown plug
THD	thread
THDSS	tubing hanger deck storage stand
THERT	tubing hanger emergency recovery tool
THHT	tubing hanger handling tool
THHTT	tubing hanger handling and test tool
THI	tree hydraulic-inner tree
THK	thick
THL	tool to hanger lock; tubing hanger lock
THLV	tubing hanger to lock verify
T_{HMAX}	wave period associated with H_{MAX} - time it takes for a wave peak-to-peak to travel past a specific point
THMRT	tubing hanger mechanical release tool (see also THRMT – same tool)
THO	tree hydraulic outer tree
THOJ	tubing hanger orientation joint
THRA	tubing hanger running assembly
THRD	threaded
THRT	tubing hanger running tool
THRMT	tubing hanger retrieval mechanical tool (see also THMRT – same tool)
THS	tubing head spool (see also TH)
THST	tubing head seal test
THT	tree handling tool
THTS	tubing hanger test stand
THUL	tool to hanger unlock
THWIS	tubing hanger wireline isolation sleeve
THWNP	tubing hanger wireline nipple protector
Ti	titanium; Texas Instruments (a company)
TIF	tagged image format
TIG	tungsten inert gas (welding) (see also GMAW, GTAW, MIG, SAW)
TIH	trip in hole (see also RIH)
TIM	technical information manual
TIV	test isolation valve
TIW	Texas Iron Works (a company); Texas Iron Works valve (also known as kelly valve)
TL	tight layers; tool; tree lock
TLI	travel lock indicator
TLM	total loss management
TLP	tension leg platform
TLV	threshold limit value
TLWP	tension leg wellhead platform (see also TLP)
TM	tight matrix; torque multiplier; trade mark
TMC	total mud cost
TMD	total measured depth
TMS	The Minerals Metals and Materials Society; tether maintenance system (ROV)
TN	Terra Nova (Canada)
TOC	theory of constraints; thin oil column; table of contents; top of cement
TOFD	time of flight diffraction (ultrasonic NDE inspection)
TOPO	topographical; topography (geography)
TP	test pressure; triple porch

TQP	technical qualification program (see also FEED, TAP)
T_p	wave period associated with H_{MAX}
TPE	thermoplastic elastomer
TPS	thermal protection system; test preparation sheet
TQM	total quality management
TR	technical report (API)
TRA&MP; TR&MP	technical readiness (analysis) and mitigation plan (often pronounced " <i>TRAMP</i> ") (see also TAP, FEED, TQP)
TRC	technical risk category (used in TAP analysis) (see also TRL)
TRIZ	teoriya resheniya izobreatatelskikh zadatch (Russian: Theory of Inventive Problem Solving) (often pronounced " <i>TRIZ</i> ")
TRL	technology readiness level (scale from: 1 [concept] – 7 [field proven with history] – used in TAP analysis) (see also TRC)
TRSCSSV	tubing retrievable surface controlled subsurface safety valve (see also DHSV, SCSSV, SSSV)
TRT	tree running (and retrieving) tool
TS	thermal shield
TS	wave period associated with HS
TS&R	technical safety & reliability (analysis)
TSA	transportation safety administration (United States); thermal sprayed aluminum
TSB	tendon support buoy
TSD	thermally stable diamond compact (drill bit)
TSJ	tapered stress joint
TSP	twisted shielded pair; touch screen panel; tripax cutter; teaspoon; tri-sodium phosphate (cleaner); time synchronization protocol; technical service personnel (see also IE, TECHN)
TSPP	tetra-sodium pyrophosphate
TST	tree seal test (see also AXT, VXT)
TT	thermal test; temperature transmitter
TTC	tubing hanger running tool top test and handling cap
TTL	transistor-transistor logic; tree tool lock
TTP	tree test plug
TTS	telemetry transfer system
TTSL	tree tool soft landing
TTSU	tree tool secondary unlock
TTU	tree tool unlock
TUL-P	tree unlock – primary
TUL-S	tree unlock – secondary
TUTA	topsides umbilical termination assembly (see also SUTA, UTA, UTH)
TÜV	Technischer Überwachungsverein (German safety and standards institution)
TVD	true vertical depth
TWA	time-weighted average
TWC	total well cost
TWCV	two-way check valve
TWIC	transportation workers identification credentials (often pronounced " <i>TWIK</i> ") (US Homeland Security)
TWP	township
TYP	typical
TX	radio transmitter (outgoing) (see also RX)
T_z	zero up crossing period – wave height
u	(unified) atomic mass unit (see also Da)
U	heat transfer coefficient (Btu/hr-ft ² -°F or Watt/m ² -°K)
U/V; UV	ultra violet
UAE	United Arab Emirates
UAI	use as is

UAMV	upper annulus master valve
UAP	utility air pressure
UC	uncemented casing
UCON	universal connection system (flowline connection)
UCOS	user configurable open system (FMC's A&C SCADA architecture)
UCP	upper crown plug
UCS	UTIS control system
UCU	utility control unit
UEL	upper explosive limit
UGB	universal guide base (see also CGB, UGF)
UGF	universal guide frame
UH	main E/H umbilical UTH hydraulic
UHF	ultra high frequency (see also VHF)
UIC	user identification code
UIMV	upper injection master valve
UK	United Kingdom
UKCS	United Kingdom Continental Shelf
UKOLS	Ugland Kongsberg Offshore (a company) Loading System
UKOOA	United Kingdom Offshore Operators Association, (London) (see also OGP, OOC)
UKDOE	United Kingdom Department (Ministry) of Energy
UKP; £	United Kingdom Pound (sterling)
ULS	ultimate limit state
UMC	underwater manifold center (see also SPS)
UN	unified thread (ASME B1.1 screw thread standard) (see also UNC, UNEF, UNF, UNM, UNR, UNS)
UNC	unified national course (thread)
UNEF	unified national extra fine (thread)
UNF	unified national fine (thread)
UNM	unified national miniature (thread)
UNR	unified thread (UN) rounded root (external threads only)
UNS	unified numbering system (materials (metals) alloy designation); unified national special (thread)
UOM	unit of measure
UPMV	upper production master valve
UPS	uninterruptible power supply
UPTBG	external upset end (thread) tubing (API)
URL	uniform resource locator (internet addresses) (see also HTTP, FTP)
URT	universal running tool
US	unconsolidated sand; United States
USB	universal serial bus
USBL	ultra short base line (acoustic position referencing) (see also DVL, LBL, SBL)
USCG	United States Coast Guard
USD	unit shut-down; United States dollar
USDOE	United States Department of Energy
USGS	United States Geological Survey (see also BOEM, BSEE)
USST	underground stainless steel tank
USV	underwater safety valve (equivalent to a SSV, but for subsea applications)
UT	ultrasonic testing; umbilical termination
UTA	umbilical termination assembly (see also SUTA, TUTA, UTH)
UTAJ	umbilical termination assembly jumper
UTB	umbilical termination box
UTH	umbilical termination head (see also SUTA, TUTA, UTA)
UTIS	universal tie in system (subsea horizontal pipeline connection method)
UTL	upper tree lock

UTM	universal transverse mercator (flat plane mapping coordinates - lease block coordinates) (see also OPD)
UTP	utility test panel; umbilical termination panel
UTSL	upper tree soft landing
UTST	upper tree seal test
UTSTV	upper tree seal test valve
UTU	upper tree unlock
UU	utility umbilical
UUV	unmanned underwater vehicle (see also AUV, ROV)
UV	ultraviolet
UV design	a staged pressure energized packing set comprised of a spring load U-seal backed up by multiple V-seal rings, interspersed non-extrusion rings (valve stem packing)
UWC	underwater completion
UWD	underwater wellhead design; underwater drilling
V	version; volts; vanadium
Vac	vacuum
VAC	volts (or voltage) alternating current; vacuum (or vacant); vacuum assisted closure
VAM ACE	VAM (a company); ACE is their trade name for a casing and tubing thread type
VASPS	vertical annular separation and pumping system
VBM	valve body module
VBR	variable bore ram (BOP) (see also BR, BSR, PR, SSR)
VC	visually clean; vena contracta (choke area)
VCG	vertical center of gravity
VDC	volts (or voltage) direct current
VDL	variable density log (see also CBL)
VER	version
VFD	variable frequency drive
VGA	video graphics array
VHF	very high frequency (see also UHF)
VI	violet
VIB; VIBE	vibration
VIC	versatile interface controller
VIM	vessel induced motion; video interface module (see also DTS, NIM, SIM); vacuum-induction melt (steel processing) (see also AM)
VIS	vendor information server; visibility
VIT	vitrage isolant technique (French glass insulation technology – mostly for well tubing)
VIV	vortex induced vibration (fluid mechanics)
VLP	vertical lift performance (reservoir engineering) (see also IPR)
VM	vertical stabbed (mounted horizontally); Von Mises (stress) (see also VME)
VME	Von Mises equivalent (stress) (see also VM)
VP	vice president; variable position
VP1	variable position indicator for LVDT
VRML	virtual reality markup language
vs.	versus (see also VSS)
V-SAT	small aperture terminal-type of satellite communication system
VSD	variable speed drive (see also ASD, SCR)
VSE	valve signature envelope; virtual storage extended; virtual server environment
VSS	valve signature server; virtual service switch; verification status signal; vendor supplied software; voltage source; versus; versions
VX	Vetco Gray (GE Oil & Gas – company) proprietary metal seal and its derivatives (such as VX2) (usually associated with an H-4 (mandrel) external profile on a wellhead) (see also AX)
VXT	vertical subsea (Christmas) tree (see also HXT); VX gasket test (see also TST)

W	Watt (power) see also (BHP, SHP)
W/	with
W/H	wire harness; wellhead
W/L	wireline
W/O	without; workover (see also CWO, WO)
WAG	water-alternating-gas (well injection) (see also SWAG)
WAMS	well access management system (see also ACME, RTOL)
WASH	washer
WAT	wax (paraffin) appearance temperature (see also CP)
WBM	water based mud (see also OBM, SBM)
WBS	work breakdown structure
WC	water coring; work center; well construction
WCD	worst case discharge (estimated well blowout rate) (see also AOF, CAOF)
WCP	workover control package; well control package
WCT	wireline coiled tubing
WCT-BOP	wireline coil tubing blowout preventer (obsolete and replace with WCP)
WD	water depth; working draft
WETU	workover electronic test unit
WEX	welded extrusion (material cladding) (see also HIP)
WH; WHD	wellhead; wellhead assembly; wellhead system
WHSE	warehouse
WIIV	water injection isolation valve
WIM	wireline interface module
WIP	work in progress
WKM	well kill margin
WLA	wireline adapter assembly
WM	wet-mate (electrical connector) (see also DM)
WNF	weld neck flange
WO	without; workover (see also W/O)
WO Riser	workover riser (see also C/WOR, CWOR)
WOB	weight on bit
WOC	waiting on cement; water/oil contact
WOCS	workover control system (see also IWOCS)
WOR	water/oil ratio
WORM	write once read memory (see also EPROM, ROM, PROM)
WOW	waiting on weather
WP	working pressure (see also RWP)
WPS	welding procedure specification
WR	Western Region (see also ER, SEA)
WRC	wire rope core (see also IWRC)
WRS	wire-wrapped screen
WSCM	workover subsea control module
WSD	working stress design (API) (see also LRFD)
WT	weight; wash tool
WTU	well termination unit
XDCR	transducer
XDUCER	transducer
XEMS	externally energized metal seal (see also SBMS, MSBMS)
XFMR	transformer
XLTSR	extra long tubing seal receptacle
XML	extensible mark-up language (internet)
XMTR	transmitter
XO/XOVER	crossover
XOV	crossover valve

XRD	x-ray diffraction
X-Sect	cross section
XSTR	transistor
XT	subsea tree; Christmas tree (see also DT, HXT, JXT, VXT)
XTC-L	subsea tree connector-lock
XTC-U	subsea tree connector-unlock
XTRT	subsea tree running tool
Y1; Y2	daisy chain HOST electric power and signal
Ya	actual average yield strength from test specimens
Yd	yard
YH	daisy chain HOST hydraulic
YP	yield point (see also Ys)
Yr	year
Ys	specified minimum yield strength; yield strength (see also S_{yld} , Sy)
YTD	year to date
Z	pipe section modulus
Zn	zinc (additive to aluminum anodes) (see also Al-In-Zn)

More acronyms may be found at www.acronymfinder.com

Freight forwarding terms may be found at www.networkfob.com/glossary_of_freight_terms.htm

Acronyms used by BOEM/BSEE for Well Permit Regulations

Regulation Subset

APD		application for permit to drill (well drill or well drill and completion)
	RPD	revised application for permit to drill
	AST	application for permit to side track
	RST	revised application to side track
	ABP	application for permit to by-pass
	RBP	revised application for permit to by-pass
APM		application for permit to modify (well completion or well workover)
	RPM	revised application for permit to modify
	APW	application for permit to workover
PINC		potential incident of non-compliance (often pronounced " <i>PINK</i> ")
INC		incident of non-compliance (often pronounced " <i>INK</i> ")
ANPR		advance notice of proposed (new or modified) rule (regulation)
IFR		interim final rule
NFR		notice of final rule
NPR		notice of proposed rule
RUE		right of use and easement

Shipping Water Line Marking (Plimsoll Marking)

