

APPENDIX 8. ABBREVIATIONS

AABW	Antarctic Bottom Water
AAIW	Antarctic Intermediate Surface Water
AASW	Antarctic Surface Water
AATSR	Advanced ATSR
ABE	Autonomous Benthic Explorer
ABF	Angola–Benguela Front
ABW	Arctic Bottom Water
ACC	Antarctic Circumpolar Current
ACD	aragonite compensation depth
ACOUS	Arctic Climate Observations Using Underwater Sound (project)
ADAS	Airborne Diode Array Spectrometer
ADCP	acoustic Doppler current profiler
ADEOS	Advanced Earth Observing Satellite
ADL	aerobic diving limits
ADV	Adventure Bank Vortex
ADW	Adriatic Deep Water
AEE	anomalously enriched elements
AFC	Automatic Flow Cytometry
AFGP	antifreeze glycopeptides
AGCM	atmospheric general circulation model(s)
AGDW	Aegean Deep Water
AIRSAR	Airborne SAR
AIS	Atlantic Ionian Stream
AISI	Airborne Imaging Spectrometer
AIW	Atlantic Intermediate Water
ALACE	Autonomous Lagrangian Circulation Explorer
ALOS	Advanced Land Observing Satellite
AMC	axial magma chamber
AMIP	Atmospheric Model Intercomparison Project
AMS	accelerator mass spectrometry
AMSR	Advanced Microwave Scanning Radiometer
AMT	Atlantic Meridional Transect
AOCI	Airborne Ocean Color Instrument
AOGCM	atmosphere–ocean general circulation models
AOL	Airborne Oceanographic LIDAR
AOP	apparent optical property
APC	Advanced Piston Corer
APE	available potential energy
APFZ	Antarctic Polar Frontal Zone
APTS	astronomical polarity timescale
ARIES	Autosampling and Recording Instrumental Environmental Sampler
ASDIC	Antisubmarine Detection Investigation Committee
ASMR	Advanced Scanning Microwave Radiometer
ASP	amnesic shellfish poisoning
AST	axial summit trough
ASUW	Atlantic Subarctic Upper Water
ASW	Arabian Sea Water; <i>or</i> antisubmarine warfare
ATM	Airborne Topographic Mapper
ATOC	Acoustic Thermometry of Ocean Climate
ATP	adenosine triphosphate

ATSR	Along-Track Scanning Radiometer
AUV	autonomous underwater vehicle
AVHRR	Advanced Very High Resolution Radiometer
AVIRIS	Airborne Visible/Infrared Imaging Spectrometer
AVP	axial volcanic ridge(s)
AVPPO	Autonomous Vertically Profiling Plankton Observatory
AW	Atlantic Water
AXBT	air-launched XBT
AXSV	air-launched XSV
AZP	azaspirazid shellfish poisoning
BB	broadband
BBL	benthic boundary layer
BBW	Bengal Bay Water
BCD	bacterial carbon demand
BGE	bacterial growth efficiency
BGHS	base of gas hydrate stability
BI	baroclinic instability
BIO	Bedford Institute of Oceanography (Canada)
BIOMASS	Biological Investigations of Marine Antarctic Systems and Stocks
BIONESS	Bedford Institute of Oceanography Net and Environmental Sensing System
BMC	Brazil/Malvinas Confluence
BOD	biological oxygen demand
BP	bacterial production
BR	bacterial respiration
BSR	bottom-simulating reflector
BTM	Bermuda Testbed Mooring
BWT	bottom water temperature
CASI	Compact Airborne Spectrographic Imager
CBDW	Canadian Basin Deep Water
CCAMLR	Commission for the Conservation of Antarctic Marine Living Resources
CCD	calcite compensation depth
CCrD	carbonate critical depth
CDOM	colored dissolved organic matter
CDW	Circumpolar Deep Water; <i>or</i> Cretan Deep Water
CFA	carbonate fluoroapatite; <i>or</i> continuous flow analyser
CFC	chlorofluorocarbon
CFP	ciguatera fish poisoning
CFT	controlled flux technique
CHAMP	Challenging Minisatellite Payload
Chl- <i>a</i>	chlorophyll- <i>a</i>
CIW	Californian Intermediate Water; <i>or</i> Cretan Intermediate Water
CLE/CSV	competitive ligand equilibration with cathode stripping voltammetry
CLIVAR	Climate Variability and Predictability Program
CMA	Chemical Manufacturers Association
CNES	Centre Nationale d'Etudes Spatiales
COIS	Coastal Ocean Imaging Spectrometer
COS	carbonyl sulfide
COT	cost of transport
CPR	Continuous Plankton Recorder
CRM	chemical remanent magnetization
CS ₂	carbon disulfide
CSA	Canadian Space Agency
CSO	combined sewer overflow
CSSF	Canadian Scientific Submersible Facility
CTD	conductivity, temperature, and depth; <i>or</i> conductivity-temperature-depth (profiler)

CUFES	continuous underway fish egg sampler
CZCS	Coastal Zone Color Scanner
D/O	Dansgaard-Oeschger
DCC	direct current condenser
DCM	deep chlorophyll maximum
DCMU	3-(3,4-dichlorophenyl)-1,1-dimethylurea
DDT	dichlorodiphenyltrichloroethane
DIC	dissolved inorganic carbon
DIN	dissolved inorganic nitrogen
DIP	dissolved inorganic phosphorus
DMGe	dimethylgermanic acid
DMHg	dimethylmercury
DMS	dimethyl sulfide
DMSb	dimethylantimonate
DMSP	Defense Meteorological Satellite Program; <i>or</i> 3-(dimethylsulfonium) propionate
DNA	deoxyribonucleic acid
DOC	dissolved organic carbon
DOM	dissolved organic matter
DON	dissolved organic nitrogen
DOP	dissolved organic phosphorus
DPASV	differential pulse anodic stripping voltammetry
dpm	disintegrations per minute
DRM	detrital remanent magnetization/depositional detrital remanent magnetization
DDP	Deep Sea Drilling Project
DSL	deep scattering layer
DSP	diarrhetic shellfish poisoning
DVM	diel vertical migration
DW	Deep Arctic Water
DWBC	deep western boundary current
DWT	deadweight tonnage
EAC	East Australian Current
EACC	East Africa Coastal Current
EAIS	East Antarctic ice sheet
EASIW	Eastern Atlantic Subarctic Intermediate Water
EBDW	Eurasian Basin Deep Water
ECMWF	European Centre for Medium-Range Weather Forecasts
EEM	excitation-emission matrix (spectroscopy)
EEZ	exclusive economic zone
EF	enrichment factor
EGC	East Greenland Current
EIC	Equatorial Intermediate Current
EKE	eddy kinetic energy
ELM	external limiting membrane
EM	electromagnetic
EMDW	Eastern Mediterranean Deep Water
EMT	Eastern Mediterranean Transient
ENACW	Eastern North Atlantic Central Water
ENPCW	Eastern North Pacific Central Water
ENPTW	Eastern North Pacific Transition Water
ENSO	El Niño Southern Oscillation
Envisat	Environmental Satellite
EOS	Earth Observing System
EPI	epifluorescence microscopy
EPR	East Pacific Rise
EPS	extracellular polysaccharides

ERS	Earth Resources Satellite
ESA	European Space Agency
ESD	equivalent spherical diameter
ESMR	Electrically Scanning Microwave Radiometer
ESPCW	Eastern South Pacific Central Water
ESPIW	Eastern South Pacific Intermediate Water
ESPTW	Eastern South Pacific Transition Water
ESS	evolutionarily stable strategy
ESSE	error subspace statistical estimation
ESTAR	Electrically Scanning Thinned Array Radiometer
ETR	electron transport rate
EUC	Equatorial Undercurrent
FAO	(UN) Food and Agriculture Organization
FBI	fresh water-brackish water interface
FCLS	ferrochrome lignosulfate
FDOM	fluorescent (dissolved) organic matter
FFP	fast field program
FIA	flow injection analyzer
FID	flame ionization detector/detection
FLIP	Floating Instrument Platform
FMI	Formation Micro-Image
FMP	Fishery Management Plan
FMS	formation scanner
FOM	figure of merit
FPA	fixed-potential amperometry
FRAM	Fine Resolution Antarctic Model
FRR	fast repetition rate
FRRF	fast repetition rate fluorometry
FSU	Florida State University
FTIR	Fourier transform infrared spectrometry/spectrometer
FY	first-year (ice)
GAC	global area coverage
GBRUC	Great Barrier Reef Undercurrent
GC	gas chromatography
GCM	general circulation model
GCOS	Global Climate Observing System
GEF	Global Environmental Facility
GEOHAB	Global Ecology and Oceanography HABs (program)
GEOSECS	Geochemical Ocean Sections Study
GLI	Global Imager
GLOBEC	Global Ocean Ecosystem Dynamics
GLORIA	geological long-range ASDIC
GMOs	genetically modified organism(s)
GOCE	Gravity Field and Steady-state Ocean Circulation Explorer
GODAE	Global Ocean Data Assimilation Experiment
GOM	Gulf of Mexico
GOOS	Global Ocean Observing System
GPS	Global Positioning System
GPTS	geomagnetic polarity timescale
GRACE	Gravity Recovery and Climate Experiment
GSNW	Gulf Stream North Wall (index)
GSSP	Global Boundary Stratotype Section and Point
GT	gross tonnage
HAB	harmful algal bloom
HCB	hexachlorobenzene

HCH	hexachlorocyclohexane
HE	Halmahera Eddy
HEXMAX	HEXOS Main Experiment
HEXOS	Humidity Exchange Over the Sea (experiment)
HIRIS	High-Resolution Imaging Spectrometer
HMW	high-molecular weight
HNDA	high natural dispersing areas
HNLC	high-nutrients, low-chlorophyll
HOPLASA	Horizontal Plankton Sampler
HOPS	Harvard Ocean Prediction System
HOT	Hawaiian Ocean Time Series
HPLC	high-performance liquid chromatography
HRGB	hard rock guide base
HRPT	high-resolution picture transmission
HRS	high-resolution sampler
HSSW	high-salinity shelf water
HST	high stand system tract
IABO	International Association for Biological Oceanography
IAPSO	International Association for the Physical Sciences of the Ocean
IAS	Intra-Americas Sea
IBM	individual-based model
IC	integrated circuit
ICCAT	International Commission for the Conservation of Atlantic Tuna
ICES	International Council for the Exploration of the Sea
ICJ	International Court of Justice
ICNAF	International Commission for the Northwest Atlantic Fisheries
ICP	International Conferences on Paleo-oceanography
ICP-MS	inductively coupled plasma mass spectrometry
ICRP	International Commission on Radiological Protection
ICSU	International Council for Science (formerly International Council of Scientific University)
ICZM	Integrated Coastal Zone Management
IEW	Indian Equatorial Water
IFQ	Individual Fishery Quota
IFREMER	l'Institut Francais de Recherche pour l'Exploitation de la Mer
IGBP	International Geosphere–Biosphere Program
IGW	internal gravity waves
IIOE	International Indian Ocean Experiment
IIP	(US Coast Guard) International Ice Patrol
IIW	Indonesian Intermediate Water
IKMT	Isaacs–Kidd midwater trawl
IMO	International Maritime Organization
INDEX	Indian Ocean Experiment
INPFC	International North Pacific Fisheries Commission
IOC	International Oceanographic Commission
IOCCG	International Ocean Color Coordinating Group
IODP	Integrated Ocean Drilling Program
IOP	inherent optical properties
IPCC	Intergovernmental Panel on Climate Change
IPI	interpulse interval
IPNV	infectious pancreatic necrosis virus
IPSFC	International Pacific Salmon Fisheries Commission
IR	infrared
IRD	iceberg rafted detrital
IRONEX	Iron Enrichment Experiment
IronEx II	Iron Fertilization Experiment II

ISAV	infectious salmon anemia virus
ISE	ion-selective electrode
ISV	Ionian Shelfbreak Vortex
ISW	ice shelf water
ITCZ	Intertropical Convergence Zone
ITQ	individual transferable quota
IUCN	International Union for the Conservation of Nature
IUW	Indonesian Upper Water
IVF	<i>in vivo</i> fertilization
JAMSTEC	Japan Marine Science and Technology Center
JERS	Japan Environmental Resources Satellite
JGOFS	Joint Global Ocean Flux Study
JLS	join, leave, or stay
JOI	Joint Oceanographic Institutions Incorporated
JOIDES	Joint Oceanographic Institutions for Deep Earth Sampling
JPL	Jet Propulsion Laboratory
K/T	Cretaceous/Tertiary (boundary)
KE	kinetic energy
KHI	Kelvin–Helmholtz Instability
KYM	krill yield model
LAA	large amorphous aggregates
LAC	local area coverage
LADCP	Lowered Acoustic Doppler Current Profiler
LADS	Laser Airborne Depth Sounder
LARS	launch and recovery system
LBMP	land-based marine pollution
LCDW	Lower Circumpolar Deep Water
LDEO	Lamont–Doherty Earth Observatory
LDW	Levantine Deep Water
LHPR	Longhurst–Hardy plankton recorder
LIA	Little Ice Age
LIDAR	light detection and ranging
LIP	large igneous province
LIW	Levantine Intermediate Water
LLD	liquid line of defense
LME	large marine ecosystems
LMW	low-molecular weight
LNG	liquefied natural gas
LNHC	low-nitrate, high-chlorophyll
LNLC	low-nitrate, low-chlorophyll
LOAEL	lowest observed adverse effect level
LOCHNESS	Large Opening/Closing High Speed Net and Environmental Sampling System
LOICZ	Land Ocean Interaction in the Coastal Zone (program)
LOOPS	Littoral Ocean Observing and Prediction System
LPG	liquefied petroleum gas
LSFC	laser-stimulated fluorescence of chlorophyll
LST	low stand systems tract
MAB	Mid-Atlantic Bight
MAD	Magnetic Airborne Detector
MAR	Mid-Atlantic Ridge
MARPOL	Marine Pollution (treaty)
MASZP	moored, automated, serial zooplankton pump
MAW	Modified Atlantic Water
mbsf	meters below seafloor
MBT	mechanical bathythermograph

MC	Mindanao Current; <i>or</i> Mozambique Current
MCC	Maltese Channel Crest
MCP	Medieval Cold Period
MCSST	multichannel SST
ME	Mindanao Eddy
MFP	matched field processing
MIJ	Mid-Ionian Jet
MIZ	marginal ice zone
MIZEX	marginal ice zone experiments
MMA _s	monomethylarsenate
MMD	mass median diameter
MMGe	monomethylegermanic acid
MMHg	monomethylmercury
MMJ	Mid-Mediterranean Jet
MMSb	monomethylantimonate
MOBY	Marine Optical Buoy
MOC	Meridional Overturning Circulation
MOCNESS	Multiple Opening/Closing Net and Environmental Sensing System
MOCS	Multichannel Ocean Color Sensor
MODE	Mid-Ocean Dynamics Experiment
MODIS	Moderate Resolution Imaging Spectroradiometer
MOM	modular ocean model
MOR	mid-ocean ridge
MORB	mid-ocean ridge basalt
MPA	marine protected area
MPS	multiple plankton sampler
MSFCMA	Magnuson–Stevens Fishery Conservation Management Act
MSL	mean sea level
MST	Mediterranean Salt Tongue; <i>or</i> multisensor track
MSVPA	multispecies virtual population analysis
MSY	maximum sustainable yield
MUC	Mindanao Undercurrent
MVDF	maximum variance distortion filter
MW	Mediterranean Water; <i>or</i> molecular weight
MWDW	modified warm deep water
MWP	Medieval Warm Period
MY	multiyear (ice)
NABE	North Atlantic Bloom Experiment
NADPH	reduced form of nicotinamide–adenine dinucleotide phosphate
NADW	North Atlantic Deep Water
NAFO	Northwest Atlantic Fishery Organization
NAO	North Atlantic Oscillation
NASCO	North Atlantic Salmon Conservation Organization
NASDA	Japanese National Space Development Agency
NASF	North Atlantic Salmon Fund
NCAR	National Center for Atmospheric Research
NCC	Norwegian Coastal Current
NCEP	National Centers for Environmental Prediction
NDBC	National Data Buoy Center
NDSF	National Deep Submergence Facility
NEΔT	noise equivalent temperature difference
NEADS	North East Atlantic Dynamics Study
NEAFC	North-east Atlantic Fisheries Commission
NEC	North Equatorial Current
NECC	North Equatorial Countercurrent

NEE	nonenriched elements
NEMO	Naval Earth Map Observer
NEW	North-east Water
NGCC	New Guinea Coastal Current
NGCUC	New Guinea Coastal Undercurrent
NLSST	nonlinear SST
NM	normal mode
NMC	North-east Monsoon Current
NMHC	nonmethane hydrocarbons
NMR	nuclear magnetic resonance
NOAA	National Oceanographic and Atmospheric Administration
NOAEL	no observed adverse effect level
NOSAMS	National Ocean Sciences Accelerator Mass Spectrometry facility
NOSS	National Oceanographic Satellite System
NPAFC	North Pacific Anadromous Fisheries
NPOESS	National Polar-Orbiting Satellite System
NPP	NPOESS Preparatory Program
NRM	natural remanent magnetization
NROSS	Navy Remote Ocean Observing Satellite
NSP	neurotoxic shellfish poisoning
NSSC	Northern Subsurface Countercurrent
NTU	nephelometric turbidity unit
NWP	numerical weather prediction
OBS	ocean bottom seismograph
OCMIP	Ocean Carbon Model Intercomparison Project
OCTS	Ocean Color and Temperature Sensor
ODAS	Ocean Data Acquisition System
ODE	ordinary differential equation(s)
ODP	Ocean Drilling Program
OGCM	ocean general circulation model
OI	optimal interpolation
OML	ocean mixed layer
OMZ	oxygen minimum zone
OOP	object-oriented programming
OPA	Oil Pollution Act
OPC	optical plankton counter
OSC	overlapping spreading centers
OTEC	Ocean Thermal Energy Conversion
OTIP	Optimal Thermal Interpolation Scheme
PAH	polycyclic aromatic hydrocarbons
PALACE	Profiling Autonomous Lagrangian Circulation Explorer
PALK	potential alkalinity
PAM	pulse amplitude modulation
PAR	photosynthetic available radiation
PBB	passive broadband
PCBs	polychlorobiphenyls/polychlorinated biphenyls
PCG	Panama–Columbia Gyre
PCGC	preparatory capillary gas chromatography
PCR	polymerase chain reaction
PCS	pressure core sampler
PCUC	Peru–Chile Undercurrent
PDM	particulate detrital matter
pDRM	postdepositional detrital remanent magnetization
PDW	Pacific Deep Water
PE	parabolic equation

PEAS	possible estuary-associated syndrome
PEW	Pacific Equatorial Water
PF	Polar Front
PFSST	Pathfinder SST
PGE	platinum-group elements
PHILLS	Portable Hyper-spectral Imager for Low-Light Spectroscopy
PICES	North Pacific Marine Science Organization
PML	Polar Mixed Layer
PMM	photomultiplier module
PMT	photomultiplier tube
PN	particulate nitrogen
PNB	passive narrowband
PNM	primary NO ₂ maximum
POC	particulate organic carbon
POCM	Parallel Ocean Climate Model
POEM	Physical Oceanography of the Eastern Mediterranean
POM	particulate organic matter
PON	particulate organic nitrogen
POP	persistent organic pollution
PP	primary production
ppbv	parts per billion by volume
PPF	Pump and Probe Fluorometer
ppmv	parts per million by volume
pptv	parts per trillion by volume
PRF	pulse repetition frequency
PRN	pseudo random noise
PS II	Photosystem II
PSC	Pacific Salmon Commission
PSIW	Pacific Subarctic Intermediate Water
PSMSL	permanent service for mean sea level
PSP	paralytic shellfish poisoning
PSSF	Passive Solar Stimulated Fluorescence
PSU	practical salinity unit
PSUW	Pacific Subarctic Upper Water
PSW	Polar Surface Water
PTCS	pressure and temperature core sampler
PV	potential vorticity
PW	Polar Water; <i>or</i> Pacific Water
QSU	quinine sulfate unit
RAD	ridge axis discontinuity
RAR	real aperture radar
RCB	rotary core barrel
REE	rare-earth elements
REMUS	remote environmental measuring units
rf	radiofrequency
RMT	rectangular mouth opening trawl
RNA	ribonucleic acid
RO	reverse osmosis
ROFI	region of fresh water influence
ROS	reactive oxygen species
ROV	remotely operated vehicle
ROWS	Radar Ocean Wave Spectrometer
RPE	retinal pigment epithelium
RR	refracted-refracted (rays)
rRNA	ribosomal RNA

RS	remote sensing
RSPGIW	Red Sea–Persian Gulf Intermediate Water
RSR	refracted-surface-reflected (rays)
RTE	radiative transfer equation
RTR	relative tide range
RV	research vessel
SACW	South Atlantic Central Water
SAH	South Atlantic High
SAHFOS	Sir Alister Hardy Foundation for Ocean Science
SAMW	Subantarctic Mode Water
SAR	synthetic aperture radar
SAS	SeaWiFS Aircraft Simulator
SASW	Subantarctic Surface Water
SAV	submerged aquatic vegetation
SAVE	South Atlantic Ventilation Experiment
SC	Somali Current
SCAR	Scientific Committee for Antarctic Research
SCOR	Science Commission on Oceanic Research
SCUBA	self-contained underwater breathing apparatus
SCV	sub-mesoscale coherent vortex
SeaWiFS	Sea-viewing Wide Field-of-view Sensor
SEC	South Equatorial Current
SECC	South Equatorial Countercurrent
SEM	scanning electron microscopy
SF ₆	sulfur hexafluoride
SHOALS	Scanning Hydrographic Operational Airborne LIDAR Survey
SICW	South Indian Central Water
SIMBIOS	Sensor Intercomparison and Merger for Biological and Interdisciplinary Oceanic Studies
SINODE	Surface Indian Ocean Dynamic Experiment
SIO	Scripps Institution of Oceanography
SIPPER	Shadowed Image Particle Profiling and Evaluation Recorder
SIR	Shuttle Imaging Radar
SLFMR	Scanning Low Frequency Microwave Radiometer
SMC	South-west Monsoon Current
SMMR	Scanning Multichannel Microwave Radiometer
SMOS	Soil Moisture and Ocean Salinity
SMOW	standard mean ocean water
SMR	Scanning Microwave Radiometer
SNP	soluble nonreactive phosphorus
SNR	signal-to-noise ratio
SOC	Southampton Oceanography Centre (UK)
SOFAR	sound fixing and ranging
SOI	Southern Oscillation Index
SOIREE	Southern Ocean Iron Enrichment Experiment
SP	short period (instrumentation)
SPCZ	South Pacific Convergence Zone
SPE	solid-phase extraction
SPM	suspended particulate matter
SPMW	subpolar mode water
SRA	Scanning Radar Altimeter
SSB	spawning stock biomass
SSH	sea surface height
SSL	sound-scattering layer
SSM/I	Special Sensor Microwave/Imager
SSSC	South Subsurface Countercurrent

SST	sea surface temperature
SSU rRNA	small subunit rRNA
SSXBT	submarine-launched XBT
STCC	Subtropical Countercurrent
STD	salinity, temperature, and depth (measuring instrument)
STMW	Subtropical Mode Water
SVD	singular-value decomposition
SWG	Science Working Group(s)
T/P	Topex/Poseidon (system)
TAC	total allowable catch
TAP	Transarctic Arctic Propagation (experiment)
TBT	tributyltin
TDN	total dissolved nitrogen
TEM	transmission electron microscopy
TEP	transparent exopolymer particles
TEU	twenty-foot equivalent unit
THC	thermohaline circulation
TIMS	thermal ionization mass spectrometry
TIROS-N	Television and Infrared Observing Satellite-version N
TKE	turbulent kinetic energy
TLC	total lung capacity
TLE	total lipid extract
TMI	TRMM Microwave Imager
TMS	tether management system
TMW	Transitional Mediterranean Water
TMZ	turbidity maximum zone
TOBI	Towed Ocean Bottom Instrument
TOC	total organic carbon
TOGA	Tropical Ocean–Global Atmosphere (program)
TOMS	Total Ozone Mapping Spectrometer
TON	total oxidized nitrate
TOVS	Total Ozone Vertical Sounder
TRM	thermoremanent magnetization
TRMM	Tropical Rainfall Measuring Mission
TS curve	temperature–salinity curve
TST	transgressive stand systems tract
TTO	Tropical Tracers in the Ocean (experiment)
TTONAS	TTO North Atlantic Study
TTOTAS	TTO Tropical Atlantic Study
TU	tritium unit
TW	tropical waters
UBL	under-ice boundary layer
UCDW	upper Circumpolar Deep Water
ULES	upward-looking echo sounders
UML	upper mixed layer
UN(O)	United Nations (Organization)
UNCED	United Nations Conference on Environment and Development
UNCLOS	United Nations Convention on the Law of the Sea
UNEP	United Nations Environmental Program
UNESCO	United Nations Educational, Scientific, and Cultural Organization
UOR	undulating oceanographic recorder
uPDW	Upper Polar Deep Water
UTC	Coordinated Universal Time
UUV	unmanned underwater vehicle
UVP	underwater video profiler

VACM	vector averaging current meter
VAD	vertical advection diffusion
VHSV	viral hemorrhagic septicemia virus
VIIRS	Visible and Infrared Imaging Radiometer Suite
VISR	Visible and Infrared Scanning Radiometer
VLCC	very large crude carrier
VMCM	vector measuring current meter
VMM	volume-weighted mean concentration
VMS	vehicle monitoring system
VOC	vapor-phase organic carbon <i>or</i> volatile organic compounds
VPR	video plankton recorder
VRM	viscous remanent magnetization
VSF	volume scattering function
WAIS	West Antarctic Ice Sheet
WASIW	Western Atlantic Subarctic Intermediate Water
WCP	World Climate Program
WCR	warm core ring
WHO	World Health Organization
WHOI	Woods Hole Oceanographic Institution
WIW	Winter Intermediate Water
WMDW	Western Mediterranean Deep Water
WMO	World Meteorological Organization
WNACW	West North Atlantic Central Water
WNPCW	Western North Pacific Central Water
WOCE	World Ocean Circulation Experiment
WSC	West Spitsbergen Current
WSDW	Weddell Sea Deep Water
WSPCW	Western South Pacific Central Water
WWGS	Winter Weddell Gyre Study
WWSP	Winter Weddell Sea Project
XBT	expendable bathythermograph
XCP	expendable current profiler
XCTD	expendable conductivity–temperature–depth probe
XKT	expendable optical irradiance probe
XSV	expendable sound velocity probe