
ODF¹ Parameter Codes (MLI)

CODE DESCRIPTION

CODE	Description [units] (format)
ABSH	Absolute Humidity [g/m**3] (%10.3f)
ALKY	Total Alkalinity [mmol/m**3] (%10.3f)
ALPO	Alpha - 0 [m**3/kg] (%10.3f)
ALTS	Height/Altitude above Mean Sea Level [metres] (%10.3f)
AMON	Ammonium (NH ₄ -N) Content [mmol/m**3] (%10.3f)
ATMS	Atmospheric Pressure at Sea Level [hpa] (%10.3f)
ATRK	Along Track Displacement [metres] (%10.3f)
ATTU	Attenuance (ADCP) [/m] (%10.3f)
BATH	Bathymetric Depth [metres] (%10.3f)
BATT	Battery Voltage [volts] (%10.3f)
BEAM	ADCP Echo Intensity [(none)] (%6.1f)
CALK	Carbonate Alkalinity [mmol/m**3] (%10.3f)
CHLR	Chlorinity (parts/thousand) [g/kg] (%10.3f)
CHLS	Chlorosity [kg/m**3] (%10.3f)
CMTM	CMCTD Time YYJJJHHMMSSss [GMT] (%10.3f)
CNDC	Electrical Conductivity [mhos/m] (%10.3f)
CNTR	Counter [(none)] (%10.3f)
COND	Conductivity [mmHo] (%10.3f)
CORG	Organic Carbon Content [mmol/m**3] (%10.3f)
CPHL	Chlorophyll-a Content [mg/m**3] (%10.3f)
CRAT	Conductivity Ratio [(none)] (%10.3f)
CTOT	Total Carbon (C) Content [mmol/m**3] (%10.3f)
DCHG	Discharge [m**3/s] (%9.2f)
DENS	Sea Density [kg/m**3] (%10.3f)
DEPH	Sensor Depth below Sea Surface [metres] (%10.3f)
DEWT	Dew Point Temperature [degrees C] (%10.3f)
DOC_	Dissolved Organic Carbon content [mmol/m**3] (%10.3f)
DON_	Dissolved Organic Nitrogen content [mmol/m**3] (%10.3f)
DOXY	Dissolved Oxygen [ml/l] (%10.3f)
DPDT	Lowering Rate [metres/sec] (%10.3f)
DRDP	Depth of Drogue [metres] (%10.3f)
DRYT	Dry Bulb Temperature [degrees C] (%10.3f)
DYNH	Geopotential Dynamic Height [m] (%10.3f)
ERRV	Error Velocity (ADCP) [m/s] (%10.4f)
EWCM	East (magnetic) Component of Current [m/s] (%10.3f)
EWCT	East (true) Component of Current [m/s] (%10.4f)
FFFF	Quality Control Flag [code] (%10.3f)
FLOR	Fluorescence [(mg/m**3)] (%10.3f)
GDIR	Gust Wind Direction [degrees] (%10.3f)
GEOP	Geopotential [(none)] (%10.3f)
GSPD	Gust Wind Speed [m/s] (%10.3f)
HCDM	Horizontal Current Direction (magnetic) [degrees] (%10.3f)
HCDT	Horizontal Current Direction (true) [degrees] (%10.3f)
HCSP	Horizontal Current Speed [m/s] (%10.3f)
HGHT	Height/Altitude above Sea Surface [metres] (%10.3f)

¹ Refer to URL : <http://www.mar.dfo-mpo.gc.ca/science/ocean/home.html>

HSUL	Hydrogen Sulphide (H ₂ S-S) Content [mmol/m ³] (%10.3f)
IDEN	Data identifier [(none)] (%10.0f)
LATD	Latitude (North +ve) [degrees] (%10.4f)
LOND	Longitude (East +ve) [degrees] (%10.4f)
MAGN	Magnetic Variation From True North [degrees] (%10.3f)
NETR	Net Solar Radiation [watts/m ²] (%10.3f)
NONE	No WMO assigned [(none)] (%10.3f)
NORG	Organic Nitrogen Content [mmol/m ³] (%10.3f)
NSCM	North (magnetic) Component of Current [m/s] (%10.3f)
NSCT	North (true) Component of Current [m/s] (%10.4f)
NTOT	Total Nitrogen (N) Content [mmol/m ³] (%10.3f)
NTRA	Nitrate (NO ₃ -N) Content [mmol/m ³] (%10.3f)
NTRI	Nitrite (NO ₂ -N) Content [mmol/m ³] (%10.3f)
NTRZ	Nitrate + Nitrite Content [mmol/m ³] (%10.3f)
NUM_	Number of scans averaged [(none)] (%10.0f)
OCUR	Oxygen Sensor Current [uA] (%10.3f)
OPPR	Oxygen Partial Pressure [(none)] (%10.3f)
OSAT	Oxygen Saturation [%] (%10.3f)
OTMP	Oxygen Sensor Temperature [degrees C] (%10.3f)
OXV_	Raw oxygen volts [volts] (%10.3f)
OXYG	Dissolved Oxygen [umol/kg] (%10.3f)
PHA_	Phaeopigment content [mg/m ³] (%10.3f)
PHOS	Phosphate (PO ₄ -P) Content [mmol/m ³] (%10.3f)
PHPH	Hydrogen Ion Concentration (pH) [(none)] (%10.3f)
PIM_	Particulate Inorganic Matter content [g/m ³] (%10.3f)
POC_	Particulate Organic Carbon content [mmol/m ³] (%10.3f)
POM_	Particulate Organic Matter content [g/m ³] (%10.3f)
PON_	Particulate Organic Nitrogen content [mmol/m ³] (%10.3f)
POTM	Potential Temperature [degrees C] (%10.3f)
POTT	Potential Air Temperature [degrees C] (%10.3f)
PPTR	PIPE Internal Pointer [(none)] (%10.3f)
PRES	Sea Pressure (sea surface - 0) [decibars] (%10.3f)
PSAL	Practical Salinity [psu] (%10.3f)
PSAR	Photosynthetic Active Radiation [ueinsteins/s/m ²] (%10.3f)
PTCH	Pitch Angle (ADCP) [degrees] (%10.3f)
PVAR	PIPE Variable [(none)] (%10.3f)
QCFF	Quality flag: QCFF [(none)] (%5.0f)
QQQQ	Quality Control Flag (GTSP) [(none)] (%10.3f)
RANG	Distance of Object from Reference Point [metres] (%10.3f)
REFR	Reference [(none)] (%10.3f)
RELH	Relative Humidity [%] (%10.3f)
RELP	Relative Total Pressure [decibars] (%10.3f)
ROLL	Roll Angle (ADCP) [degrees] (%10.3f)
SDEV	Standard deviation of preceding parameter [same as preceding parameter] (%10.3f)
SECC	SECCHI disc depth [m] (%10.1f)
SIGO	Sigma-0 [kg/m ³] (%10.3f)
SIGP	Sigma-Theta [kg/m ³] (%10.3f)
SIGT	Sigma-T [kg/m ³] (%10.3f)
SLCA	Silicate (SIO ₄ -SI) Content [mmol/m ³] (%10.3f)
SNCN	Scan Counter [(none)] (%10.3f)
SPEH	Specific Humidity [g/kg] (%10.3f)
SPVA	Specific Volume Anomaly [m ³ /kg] (%10.3f)
SPVO	Specific Volume [m ³ /kg] (%10.3f)
SSAL	Salinity [g/kg] (%10.3f)
STRA	Stress Amplitude [Pa] (%10.3f)
STRD	Stress Direction [degrees T] (%10.3f)

STRU	Stress (U Component) [Pa] (%10.3f)
STRV	Stress (V Component) [Pa] (%10.3f)
SVEL	Sound Velocity [m/s] (%10.3f)
SYTM	PIPE Time Format DD-MMM-YYYY HH:MM:SS.ss [GMT] (%10.3f)
TE90	Temperature (ITS-90) [degrees C] (%10.3f)
TEMP	Sea Temperature (IPTS-68) [degrees C] (%10.3f)
TEXT	Plain Language Text [(none)] (%10.3f)
TILT	Tilt Angle [degrees] (%10.3f)
TOFF	CMCTD Time Offset [s] (%10.3f)
TOTP	Total Pressure (Atmosphere + Sea Pressure) [decibars] (%10.3f)
TPHS	Total Phosphorous (P) Content [mmol/m**3] (%10.3f)
TRAN	Light transmission [%] (%10.3f)
TSM_	Total Suspended Matter content [g/m**3] (%10.3f)
UNKN	Unknown WMO Code [(none)] (%10.3f)
URE_	Urea content [mmol/m**3] (%10.3f)
VAIS	Brunt Vaissala Frequency [hertz] (%10.3f)
VCSP	Vertical Current Speed [m/s] (%10.4f)
WDIR	Wind Direction relative to North (T) [degrees] (%10.3f)
WETT	Wet Bulb Temperature [degrees C] (%10.3f)
WSPD	Horizontal Wind Speed [m/s] (%10.3f)
WSPE	Eastward (true) Component of Wind Speed [m/s] (%10.3f)
WSPN	Northward (True) Component of Wind Speed [m/s] (%10.3f)
WVER	Vertical Wind Speed [m/s] (%10.3f)
ZNTH	Zenith Angle of Object From Reference [degrees] (%10.3f)
