

# Acronyms

ADCP	Acoustic Doppler Current Profiler. This acronym was coined by RDI-Teledyne; similar instruments made by Sontek are called acoustic Doppler profilers, with the acronym ADP. In the <code>oce</code> package, the <code>adp</code> class holds both types of data
ADV	Acoustic Doppler Velocimeter, a device that uses acoustic signals to infer velocity at a point. This acronym is used by Sontek; Nortek refers to similar instruments as “Vector velocimeters.” In <code>oce</code> , the <code>adv</code> class holds both types
CRAN	Comprehensive R Archive Network, the repository for the R application and associated packages <sup>1</sup>
CSV	Comma-Separated Value, as used in spreadsheets
CTD	Conductivity-Temperature-Depth instrument. In the <code>oce</code> package, data from CTD instruments are of class <code>ctd</code>
EOF	Empirical Orthogonal Function
GEOSECS	Geochemical Ocean Section Study
GSW	Gibbs SeaWater toolbox of TEOS-10, provided with the <code>gsw</code> package and various <code>oce</code> functions; see Sect. 5.2.1 and Appendix D
LISST	Laser In Situ Scattering and Transmissometry instrument
MEDS	Marine Environmental Data Service <sup>2</sup>
NetCDF	A self-describing binary data format used in some applications in oceanography and atmospheric science <sup>3</sup>
NOAA	US National Oceanographic and Atmospheric Administration <sup>4</sup>
NODC	US National Oceanographic Data Center <sup>5</sup>

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<sup>1</sup><http://cran.r-project.org>.

<sup>2</sup><http://www.meds-sdmm.dfo-mpo.gc.ca/isdm-gdsi/index-eng.html>.

<sup>3</sup><http://www.unidata.ucar.edu/software/netcdf/docs/>.

<sup>4</sup><http://www.noaa.gov/>.

<sup>5</sup><http://www.nodc.noaa.gov/>.

ODF	Ocean Data Format, used by the Canadian Department of Fisheries and Oceans <sup>6</sup>
ODV	Ocean Data Viewer software <sup>7</sup>
POP	Practical (or Provisional) Operating Procedure.
SLEIWEX	St Lawrence Estuary Internal Wave Experiment
SOP	Standard Operating Procedure (contrast with POP).
TEOS-10	Thermodynamic Equation of Seawater-2010 <sup>8</sup>
UNESCO	United Nations Educational, Scientific and Cultural Organization
WOCE	World Ocean Circulation Experiment <sup>9</sup>

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<sup>6</sup>[http://slgo.ca/app-sgdo/en/docs\\_reference/documents.html](http://slgo.ca/app-sgdo/en/docs_reference/documents.html).

<sup>7</sup><http://odv.awi.de>.

<sup>8</sup><http://www.teos-10.org>.

<sup>9</sup><http://woce.nodc.noaa.gov/wdiu>.