

Supplement

Example of ODV standard tab-delimited ASCII text format (Lowry, 2019) for 2 of the depth (pressure)/temperature profiles included in the dataset Penna et al. 2020. The header reports metadata.

```
//<Encoding>UTF-8</Encoding>
//<Version>ODV Spreadsheet V4.6.4</Version>
//<Creator>p.penna@NB-PENNA-DELL</Creator>
//<CreateTime>2020-04-20T14:29:23</CreateTime>
//<Software>Ocean Data View 5.4.0 - 64 bit (Windows)</Software>
//<Source>D:/pilu/FOOS/AdriFOOS 2020 ODV-DBQC/AdriFOOS-2020DB_QC.odv</Source>
//<SourceLastModified>2020-04-18T00:10:34</SourceLastModified>
//<DataField>Ocean</DataField>
//<DataType>Profiles</DataType>
//<Description>AdriFOOS 2012-2020</Description>
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//<MetaVariable>label="Cruise" var_type="METACRUISE" value_type="INDEXED_TEXT" qf_schema="SEADATANET" significant_digits="0" comment=""</MetaVariable>
//<MetaVariable>label="Station" var_type="METASTATION" value_type="TEXT:21" qf_schema="SEADATANET" significant_digits="0" comment=""</MetaVariable>
//<MetaVariable>label="Type" var_type="METATYPE" value_type="TEXT:2" qf_schema="SEADATANET" significant_digits="0" comment=""</MetaVariable>
//<MetaVariable>label="Longitude [degrees_east]" var_type="METALONGITUDE" value_type="FLOAT" qf_schema="SEADATANET" significant_digits="3" comment=""</MetaVariable>
//<MetaVariable>label="Latitude [degrees_north]" var_type="METALATITUDE" value_type="FLOAT" qf_schema="SEADATANET" significant_digits="3" comment=""</MetaVariable>
//<MetaVariable>label="SN" var_type="METABASIC" value_type="INDEXED_TEXT" qf_schema="SEADATANET" significant_digits="0" comment=""</MetaVariable>
//<DataVariable>label="Pressure [dbar]" value_type="FLOAT" qf_schema="SEADATANET" significant_digits="3" is_primary_variable="T" comment="SDN: P01:: PRESR01: Absolute Pressure (dbar);" key_variable=""</DataVariable>
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//<DataVariable>label="Temperature [Deg C]" value_type="FLOAT" qf_schema="SEADATANET" significant_digits="3" is_primary_variable="F" comment="SDN:P01::TEMPP901:Temperature (ITS-90) of the water body;" key_variable=""</DataVariable>
//
Cruise      Station      Type          yyyy-mm-ddThh:mm:ss.sss  Longitude [degrees_east]  Latitude [degrees_north]  SN          Pressure [dbar]          QV:SEADATANET
Temperature [Deg C]  QV:SEADATANET          QV:ODV:SAMPLE
```

//Cruise: fishing vessel anonymized code (e.g. AN-01)

//Station (unique station identifier): progressive number of profile per fishing trip (e.g. 1)

//Type: station-profile type (e.g. C: CTD profiles)

//Date/Time (yyyy-mm-ddThh:mm:ss.sss) of the start of the profile (time is expressed in Greenwich Mean Time GMT)

//Longitude, Latitude: position of the profile start in degree east and north (Datum WGS84)

//SN: serial number of the NKE sensor (e.g. 320165272)

//Pressure [dbar]: absolute pressure measured by NKE sensors (e.g. 5.63).

//Vocabulary: SDN: P01:: PRESR01: absolute pressure (dbar);

//QV:SEADATANET: quality flag (SeaDataNet L20) for the pressure data

//Temperature [Deg C]: Temperature (ITS-90) measured by NKE sensors (e.g. 24.33).

//Vocabulary: SDN:P01::TEMPP901:Temperature (ITS-90) of the water body;

//QV:SEADATANET: quality flag (SeaDataNet L20) of the temperature data

//QV:ODV:SAMPLE: quality flag (SeaDataNet L20) for the entire data row

AN-01	1	B	2018-09-10T06:36:26	13.91181	43.90101	320165272	5.63	1	24.33	1	1
						6.28	1	24.33	1	1	
						6.65	1	24.33	1	1	
						7.2	1	24.33	1	1	
						7.75	1	24.33	1	1	
						8.21	1	24.33	1	1	
						8.76	1	24.33	1	1	
						9.4	1	24.33	1	1	
						10.14	1	24.33	1	1	
						10.6	1	24.38	1	1	
						11.24	1	24.38	1	1	
						11.51	1	24.43	1	1	
						11.88	1	24.45	1	1	
						12.16	1	24.38	1	1	
						12.34	1	24.21	1	1	
						12.62	1	24.21	1	1	
						13.17	1	24.21	1	1	
						13.44	1	24.21	1	1	
						13.9	1	24.14	1	1	
						14.36	1	24.1	1	1	
						14.64	1	24.03	1	1	
						15.1	1	23.84	1	1	
						15.56	1	23.84	1	1	
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AN-01	1	B	2018-06-04T06:18:12	13.93146	43.96843	320165272	6.28	1	24.540001	1	1
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						7.84	1	24.52	1	1	
						8.3	1	24.52	1	1	
						8.67	1	24.469999	1	1	
						9.31	1	24.469999	1	1	
						9.68	1	24.049999	1	1	
						10.32	1	23.75	1	1	
						10.96	1	23.82	1	1	
						11.33	1	23.66	1	1	
						12.07	1	22.82	1	1	
						12.25	1	21.82	1	1	
						12.62	1	21.25	1	1	
						12.98	1	21.51	1	1	
						13.17	1	21.17	1	1	
						13.26	1	21.07	1	1	
						13.63	1	21.07	1	1	
						13.99	1	20.91	1	1	
						14.45	1	20.950001	1	1	
						15.01	1	20.73	1	1	
						15.19	1	20.09	1	1	
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						15.83	1	19.98	1	1	
						15.83	1	19.809999	1	1	
						16.02	1	19.85	1	1	
						16.200001	1	19.889999	1	1	