ODF FIlename Specification (BIO)

EVENT TYPE

The EVENTSPEC is the principle means of identifying individual sets of data called events. What constitutes an event depends upon how the data have been processed. For example, a batfish tow may be thought of as a single event. Alternatively, it may be desirable to separate the tow into multi-event legs or profiles. A typical event is a CTD profile or a time series from a single current meter. A mooring with multiple current meters results in multiple events.

FILENAME or FILE_SPECIFICATION FIELD

The filename is written in a way to make it unique. The EVENTSPEC has five constituent fields that are concatenated with underscores (_). The constituent fields are defined as:

DATATYPE: general class of data from a predefined list (maximum 4 characters)

CRUISE: the institute cruise number or the project name and year

EVENT: either a mooring number, a station number, or a buoy serial number

QUALIFIER1: parameter(s) to further qualify the Eventspec
QUALIFIER2: depending upon the data type, these could be:

serial_no: serial number of the instrument used
cast_no: sequential profile at the same station
leg_no: a portion of an instrument tow
YYDDD: year/day, only used with drifting buoys
sample_int: instrument sampling interval in seconds
DN/UP/FLAT: for CTD data, to separate an individual cast

A component that is not defined is delimited by the _. For example, MCM_90001_105__3600 would be hourly data from consecutive mooring 105, cruise 90-001, serial number unknown.

LIST OF ACTUAL DATATYPES

TYPE: DATA_TYPE field of the EVENT_HEADER block
CRUISE: CRUISE_NUMBER field of the CRUISE_HEADER block
EVENT: EVENT_NUMBER field of the EVENT_HEADER block
QUALIFIER1: EVENT_QUALIFIER1 field of the EVENT_HEADER block
QUALIFIER2: EVENT_QUALIFIER2 field of the EVENT_HEADER block

TYPE OF DATA	TYPE	CRUISE	EVENT	QUALIFIER1	QUALIFIER2
Moored Current Meter	MCM	deploy cruise_no	mooring_no	serial_no	sample interval
Thermistor Chain	MTC	deploy cruise_no	mooring_no	serial_no	sample interval
Moored Thermograph	MTR	deploy cruise_no	mooring_no	serial_no	sample interval
Tide Gauge	MTG	deploy cruise_no	mooring_no	serial_no	sample interval
CTD Cast	CTD	cruise_no	event_no	cast_no	DN/UP/FLAT
Batfish	BATF	cruise_no	event_no	leg_no	free
XBT Cast	XBT	cruise_no	event_no	cast_no	free
Bottle Cast	BOTL	cruise_no	event_no	cast_no	free
Profile Current Meter	PCM	cruise_no	event_no	cast_no	free
Moored Argos Buoy	MAB	Argos experiment	buoy_no	YYDDD	free
Moored Meteorological Buoy	MMB	deploy cruise_no	mooring_no	serial_no	sample interval
Drifting Buoy	DRIB	Argos experiment	buoy_no	YYDDD	free
Moored CTD	MCTD	deploy cruise_no	mooring_no	serial_no	sample interval
Temperature-Depth Recorder	PTR	cruise_no	serial_no	cast_no	DN/UP/FLAT
Shipboard Thermosalinograph	TSG	project and year	route_no	serial_no	sample interval
Towed CTD	TCTD	cruise_no	route_no	serial_no	sample interval