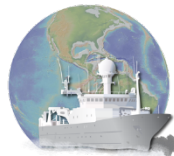


# R2R Event Logger System

Cyndy Chandler presenting on behalf of  
R2R-WHOI Team: Cindy Sellers & Laura Stolp  
October 2016

RVTEC Meeting, SIO, 1-3 November 2016



# R2R Event Logger Status

- used by science party members to record all sampling activities during cruise
- uses controlled vocabulary terms for participant names and instrument (device) names
- Event Logger System currently installed on 12 vessels in the UNOLS fleet
- used on 22 cruises since September 2015
- used on 119 cruises since 2010

# Event Logger vessel installations

- LDEO: Langseth
- LUMCON: Pelican
- OSU: Oceanus
- SIO: Revelle, Sally Ride, Sproul
- UDEL: Sharp
- UAF: Sikuliaq
- URI: Endeavor
- UW: Thompson
- WHOI: Armstrong, Atlantis

# Event Logger System

Request: <http://elog.whoi.edu/> or  
<http://www.rvdata.us/contact/elog>



Event	date/TimeUTC	GPS_Fix	Instrument	Action	Transmit Station	Lat	Longitude	SeaFloor	Author	Comment
20100801 13:01:00	20100801 13:01:00	20101010	Other	start	NAU	38.222466	-76.222466	28	albertson	First Rough SHIP and underway
20100801 13:01:00	20100801 13:01:00	20101010	Other	start	NAU	38.222466	-76.222466	28	albertson	Research Meeting
20100801 13:01:00	20100801 13:01:00	20101010	Other	start	NAU	38.222466	-76.222466	28	albertson	Underway into 500 m
20100801 13:01:00	20100801 13:01:00	20101010	Other	start	NAU	38.222466	-76.222466	28	albertson	500m
20100801 13:01:00	20100801 13:01:00	20101010	Other	start	NAU	38.222466	-76.222466	28	albertson	Shakedown
20100801 13:01:00	20100801 13:01:00	20101010	Other	start	NAU	38.222466	-76.222466	28	albertson	Final 2 position fix complete for
20100801 13:01:00	20100801 13:01:00	20101010	Other	start	NAU	38.222466	-76.222466	28	albertson	Arriving Station on Station of the

events logged during cruise;  
mirrored ashore

Event	date/TimeUTC	GPS_Fix	Instrument	Action	Transmit Station	Lat	Longitude	SeaFloor	Author	Comment
20100801 13:01:00	20100801 13:01:00	20101010	Other	start	NAU	38.222466	-76.222466	28	albertson	First Rough SHIP and underway
20100801 13:01:00	20100801 13:01:00	20101010	Other	start	NAU	38.222466	-76.222466	28	albertson	Research Meeting
20100801 13:01:00	20100801 13:01:00	20101010	Other	start	NAU	38.222466	-76.222466	28	albertson	Underway into 500 m
20100801 13:01:00	20100801 13:01:00	20101010	Other	start	NAU	38.222466	-76.222466	28	albertson	500m
20100801 13:01:00	20100801 13:01:00	20101010	Other	start	NAU	38.222466	-76.222466	28	albertson	Shakedown
20100801 13:01:00	20100801 13:01:00	20101010	Other	start	NAU	38.222466	-76.222466	28	albertson	Final 2 position fix complete for
20100801 13:01:00	20100801 13:01:00	20101010	Other	start	NAU	38.222466	-76.222466	28	albertson	Arriving Station on Station of the

post-cruise science



Event Logger Interest

Requestor Name: [text field]

Requestor Email: [text field]

Chief Scientist Name: [text field]

Chief Scientist Email: [text field]

Vessel: [text field]

Cruise Dates: [text field]

Cruise ID: [text field]

Comment: [text area]

Submit

pre-cruise config

R2R Configuration File Manager

Software version: [text field]

Cruise ID: [text field]

Operational status: [text field]

SAVE INTERN VERSION

LOAD INTERN VERSION

SUBMIT FINAL PRE-CRUISE CONFIGURATION



More information: <http://elog.whoi.edu/>

# Example: R/V KNORR cruise 210 leg 4

File Edit View History Bookmarks Tools Help

elog-dev.whoiedu:8013/KN210-04-SE/page1

Return to Main Page | R/V Atlantis | R/V Endeavor | R/V Knorr | R/V Marcus G. Langseth | R/V Point Sur | R/V Oceanus | R/V Roger Revelle | R/V Thomas G. Thompson | Misc Vessels

KN210-04-SE

"KN210-04", "R/V Knorr", "2013", "3", "25", "Elizabeth Kujawinski", "Deepwater DOM", "Western Atlantic Ocean", "end 9 May; NSF OCE CO funded (data to BCO-DMO)", Page 1 of 93

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Summary | Threaded

-- Author -- -- Instrument -- -- Action -- 1842 Entries

Goto page 1, 2, 3 ... 91, 92, 93 Next

Event	dateTimeUTC	GPS_Time	Instrument	Action	Transect	Station	Cast	Latitude	Longitude	Seafloor	Author	Comment
20130325.1102.001	20130325.1102	2013/03/25 11:02:33	Ship	start Cruise	NaN	NaN	NaN	-34.900099	-56.202503	NaN	eKujawinski	
20130325.1659.001	20130325.1659	2013/03/25 16:59:52	Other	start	NaN	NaN	NaN	-35.122406	-55.225714	29 meters	cGraver	Flow through SBE45 and underway fluorometer started
20130326.1132.001	20130326.1132	2013/03/26 11:32:05	Other	start	NaN	NaN	NaN	-36.768383	-50.955052	4242 meters	bVanMooy	Science Meeting
20130326.1406.001	20130326.1139	2013/03/26 11:39:55	SeaFlowCyto	start	NaN	NaN	NaN	-36.783425	-50.926073	4663 meters	gHennon	Actual time 1140 GMT international waters
20130326.1620.001	20130326.1620	2013/03/26 16:20:08	CTD911	deploy	NaN	1	1	-37.105892	-49.899535	4855 meters	jOssolinski	Shakedown cast to 500 m
20130326.1638.001	20130326.1638	2013/03/26 16:38:04	CTD911	maxDepth	NaN	1	001	-37.104350	-49.900273	4856 meters	mBhatia	500 m
20130326.1711.001	20130326.1711	2013/03/26 17:11:05	CTD911	recover	NaN	1	1	-37.102181	-49.903573	4857 meters	jOssolinski	
20130326.1742.001	20130326.1742	2013/03/26 17:42:58	planktonNetTow	deploy	NaN	1	001	-37.099945	-49.905750	4854 meters	eKujawinski	Shakedown
20130326.1754.001	20130326.1754	2013/03/26 17:54:51	planktonNetTow	recover	NaN	1	001	-37.099252	-49.907689	0 meters	eKujawinski	
20130326.1851.001	20130326.1652	2013/03/26 16:52:03	Other	start	NaN	000	N/A	-37.103317	-49.901767	4878 meters	eMarkham	Placed 5 passive PE samplers for background contamination in upper and lower lab. Actual GMT time placed 16:52 to 17:09
20130326.2003.001	20130326.2003	2013/03/26 20:03:16	Water_HOCs	start	NaN	1	001	-37.188630	-49.452723	0 meters	eMarkham	
20130326.2141.001	20130326.2141	2013/03/26 21:41:43	Other	start	NaN	1	NaN	-37.269551	-49.066388	5002 meters	eKujawinski	Amazing lecture on Battle of the River Plata

# KN210-04 Event Log as a Dataset

File Edit View History Bookmarks Tools Help

dmosev3.bco-dmo.org/jg/serv/BCO-DMO/Deep\_Atlantic\_DOM/event\_log.html0[dir=dmoserv3.whoi.edu/jg/dir, Search

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## /BCO-DMO/Deep\_Atlantic\_DOM/event\_log ---- Level 0

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[Level 0](#) [Next Level](#) [Flat Listing](#)

Science party logged 1841 sampling events from 18 instrument systems

```
# KN210-04 Event Log
# Chief Scientist: Elizabeth Kujawinski (WHOI)
# Version: 13 November 2013
# Note: Post-cruise corrections (including those described in the
# comments column) to position, date, time have been applied.
=====
event          date_utc      time_utc      instrument     action         station      cast          lat            lon            seafloor       author
-----
20130325.1102.001 20130325    1102         Ship           startCruise   nd           nd            -34.900099    -56.202503    nd             eKujawinski
20130325.1659.001 20130325    1659         Other          start          nd           nd            -35.122406    -55.225714    29            cGraver
20130326.1132.001 20130326    1132         Other          start          nd           nd            -36.768383    -50.955052    4242         bVanMooy
20130326.1406.001 20130326    1139         SeaFlowCyto   start         0            nd            -36.783425    -50.926073    4663         gHennon
20130326.1620.001 20130326    1620         CTD911        deploy        1            1            -37.105892    -49.899535    4855         jOssolinski
20130326.1638.001 20130326    1638         CTD911        maxDepth     1            1            -37.104350    -49.900273    4856         mBhatia
20130326.1851.001 20130326    1652         Other          start         0            nd            -37.103317    -49.901767    4878         eMarkham
20130326.1711.001 20130326    1711         CTD911        recover      1            1            -37.102181    -49.903573    4857         jOssolinski
20130326.1742.001 20130326    1742         planktonNetTow deploy       1            1            -37.099945    -49.905750    4854         eKujawinski
20130326.1754.001 20130326    1754         planktonNetTow recover      1            1            -37.099252    -49.907689    0             eKujawinski
20130326.2003.001 20130326    2003         Water_HOCs    start        1            1            -37.188630    -49.452723    0             eMarkham
20130327.0001.001 20130326    2025         Water_HOCs    other        1            1            -37.205375    -49.367987    5050         eMarkham
20130326.2215.001 20130326    2130         Air_HOCs      start        1            1            -37.258143    -49.112692    0             eMarkham
20130326.2141.001 20130326    2141         Other          start        1            nd            -37.269551    -49.066388    5002         eKujawinski
20130327.1201.001 20130327    0444         Water_HOCs    other        1            1            -37.570488    -47.404502    5127         eMarkham
20130327.1606.001 20130327    0659         EIMS_O2/Ar    start        1            1            -37.655177    -46.891280    5121         eHoward
20130327.1607.001 20130327    0659         EIMS_O2/Ar    service     1            2            -37.655177    -46.891280    0             eHoward
20130327.1608.001 20130327    0659         EIMS_O2/Ar    calibrate   1            3            -37.655177    -46.891280    0             eHoward
20130327.1610.001 20130327    0759         EIMS_O2/Ar    other       1            4            -37.698923    -46.665392    5122         eHoward
20130327.1215.001 20130327    1215         Water_HOCs    end         1            1            -37.865969    -45.721536    5128         eMarkham
20130327.1326.001 20130327    1254         Air_HOCs      end         1            1            -37.895948    -45.567337    5124         eMarkham
20130327.1611.001 20130327    1344         EIMS_O2/Ar    service     1            5            -37.929528    -45.362480    5122         eHoward
20130327.1612.001 20130327    1427         EIMS_O2/Ar    calibrate   1            6            -37.962202    -45.187305    5122         eHoward
20130327.1538.001 20130327    1538         Net_trap      deploy      2            1            -37.991626    -44.999583    0             eKujawinski
20130327.1614.001 20130327    1543         EIMS_O2/Ar    other       2            7            -37.990108    -44.999957    0             eHoward
20130327.1717.001 20130327    1549         SeaFlowCyto   sample     1.5          nd            -37.991190    -45.001542    0             gHennon
20130327.1609.001 20130327    1609         CTD911        deploy      2            2            -37.997297    -45.000042    0             eKujawinski
20130327.1747.001 20130327    1747         CTD911        maxDepth   2            2            -37.972880    -44.990592    5118         eKujawinski
20130327.1941.001 20130327    1940         CTD911        recover     2            2            -37.947063    -44.982695    5117         cDurkin
20130327.2136.001 20130327    2019         incubation_other start       2            2            -38.000710    -45.000818    5122         cBuchwald
20130327.2206.001 20130327    2206         McLanePump    deploy      2            1            -37.991834    -44.997611    5122         eKujawinski
```

# EVENT LOGGER REQUEST FORM

<http://www.rvdata.us/contact/elog>

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Catalog Status

(In Service) Vessels: **24**

Cruises: **6292**

Archived Files: **24153789**

*October 30, 2016*

## Event Logger Interest

**REQUESTOR NAME: \***

**REQUESTOR EMAIL: \***

**CHIEF SCIENTIST NAME: \***

**CHIEF SCIENTIST EMAIL: \***

**VESSEL: \***

**CRUISE DATES: \***

**CRUISE ID: \***

**COMMENT:**

<http://elog.whoi.edu/>  
[elog@whoi.edu](mailto:elog@whoi.edu)

THANK YOU

Comments . . . Questions?

*Woods Hole, Massachusetts, USA*



Funded by: NSF ICER-1440114 (R2R)

<http://elog.whoi.edu/>

<http://www.rvdata.us/contact/elog>

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