

LADDER LADCP Logsheet

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Station and cast		WF—001
General Information	Date	10/30/2006
	Time	22:03:17
	Latitude (North)	9°26.5984
	Longitude (West)	104°32.3996
Instrument Configuration	Down	Y
	Up	Y
Battery Charging Current [A]	Begin	1.6
	End	0.21
Physical Information [m]	Water Depth	2964
	Zend (Down to Up, respectively)	2885.4—2895.5
	Zmax (Down to Up, respectively)	-(16.3—27.8)

NOTES: (a)Forgot to change hour on computer clock, so acquisition computer set to GMT + 6h; (b) In what follows, label North, West, Down and Up for Latitude, Longitude, Zend and max, respectively, will be omitted.

Station and cast		WF—002
General Information	Date Time Latitude Longitude	10/31/2006 04:09:42 9°26.9964 104°32.3891
Instrument Configuration	Down Up	Y Y
Battery Charging Current [A]	Begin End	- -
Physical Information [m]	Water Depth Zend Zmax	2910 2900.6—2925.9 (-20.6—59.9)

NOTES: (a) Weak down looking beam 1; (b) No time to charge batteries before next cast; (c) Acquisition computer set to GMT + 6h.

Station and cast		W3—003
General Information	Date Time Latitude Longitude	10/31/2006 07:47 9°27.7005 104°28.000
Instrument Configuration	Down Up	Y Y
Battery Charging Current [A]	Begin End	1.5 0.25
Physical Information [m]	Water Depth Zend Zmax	2995 3028.7—3006.3 (2.6— - 28.7)

NOTES: (a) Broken down looking beam 1; (b) acquisition computer set to GMT + 6h;(c) In the afternoon Ryan Jackson (WHOI) and I switched down-looker with uplooker as the signal of the latter seems to be better than the first (Andreas' idea).

Station and cast		NA—004
General Information	Date Time Latitude Longitude	11/01/2006 10:08:00 9°50.0074 104°17.5312
Instrument Configuration	Down Up	Y Y
Battery Charging Current [A]	Begin End	1.6 0.2
Physical Information [m]	Water Depth Zend Zmax	2506 2545.2—2497.1 (34.5— - 64.0)

NOTES: (a) Forgot to change defaults.expect after the switch yesterday (operator did not know it had to be done); (b) Broken up looking beam1 on up-looker, again;(c) acquisition computer set to GMT + 6h.

Station and cast		EF—005
General Information	Date Time Latitude Longitude	11/02/2006 5:32:50 9°33.5001 103°52.3006
Instrument Configuration	Down Up	Y Y
Battery Charging Current [A]	Begin End	1.5 0.24
Physical Information [m]	Water Depth Zend Zmax	2995 2967.1—2938.2 - (73.3—91.9)

NOTES: (a) We replaced the up-looker with the backup one, as one of the beam seemed to be broken;(b) Maybe we should tell Dan Torres at WHOI that the replacement did not have screws on;(c) The CTD stayed still at the bottom for about 10 minutes (I think it was because the SSSG operator, Dave, was busy doing something else);(d) acquisition computer set to GMT + 6h.

Station and cast		NA—006
General Information	Date Time Latitude Longitude	11/02/2006 11:20:50 9°50.8382 104°17.2924
Instrument Configuration	Down Up	Y Y
Battery Charging Current [A]	Begin End	1.5 0.25
Physical Information [m]	Water Depth Zend Zmax	2530 2495.4— 2501.2 - (72.9—57.2)

NOTES: Acquisition computer set to GMT + 6h.

Station and cast		E3—007
General Information	Date Time	11/03/2006 02:08:24

NOTES: (a) We had to abort the cast and start all over again, because the operator forgot to make sure ADCP was communicating with computer before deploy the system into water; (b) acquisition computer set to GMT + 6h.

Station and cast		E3—008
General Information	Date Time Latitude Longitude	11/03/2006 02:35:00 9°32.5007 103°58.000
Instrument Configuration	Down Up	Y Y
Battery Charging Current [A]	Begin End	1.3 0.25
Physical Information [m]	Water Depth Zend Zmax	3025 1.1—3056.9 (-2.7—9.6)

NOTES: (a) The winch got stuck for some hydraulic problem so we had to wait about 30 minutes before really start deployment, while acquisition started already; (b) acquisition computer set to GMT + 6h; (c) clearly, there is some problem with down-looker.

Station and cast		E2—009
General Information	Date Time Latitude Longitude	11/03/2006 07:17:40 9°31.5004 104°04.6998
Instrument Configuration	Down Up	Y Y
Battery Charging Current [A]	Begin End	1.5 0.25
Physical Information [m]	Water Depth Zend Zmax	3113 3090.7—0.4 (- 30.4—.04)

NOTES: (a) Up-looker beam dead; (b) acquisition computer set to GMT + 6h.

Station and cast		NW—010
General Information	Date Time Latitude Longitude	11/04/2006 07:41:00 9°53.0147 104°20.4902
Instrument Configuration	Down Up	Y Y
Battery Charging Current [A]	Begin End	- -
Physical Information [m]	Water Depth Zend Zmax	2840 2825.4—2836.5 - (48.6—6.4)

NOTES: (a) Up-looker beam 1 dead; (b) No time to charge battery.

Station and cast		NA—011
General Information	Date Time Latitude Longitude	11/04/2006 10:56:20 9°50.0172 104°17.3326
Instrument Configuration	Down Up	Y Y
Battery Charging Current [A]	Begin End	1.4 0.24
Physical Information [m]	Water Depth Zend Zmax	2466 2466.4—2486.3 - (65.9—33.6)

Station and cast		CA—012
General Information	Date Time Latitude Longitude	11/05/2006 07:50:40 9°29.9880 104°14.4847
Instrument Configuration	Down Up	Y Y
Battery Charging Current [A]	Begin End	1.5 0.14
Physical Information [m]	Water Depth Zend Zmax	2563 2527.2—2516.4 - (61.2—25.6)
Station and cast		W1— 013
General Information	Date Time Latitude Longitude	11/05/2006 07:50:40 9°29.8012 104°19.8363
Instrument Configuration	Down Up	Y Y
Battery Charging Current [A]	Begin End	1.5 0.27
Physical Information [m]	Water Depth Zend Zmax	2782 2753.3—2788.1 (-31.1—17.4)
Station and cast		CA—014
General Information	Date Time Latitude Longitude	11/06/2006 04:41:10 9°30.0001 104°14.5028
Instrument Configuration	Down Up	Y Y
Battery Charging Current [A]	Begin End	1.2 0.35
Physical Information [m]	Water Depth Zend Zmax	2567 2556.2—2532.6 -(11.1—30.8)

NOTES: Operator had 2 days off because she will dive on the 5th of November. So from cast 014 to cast 018 substitute operator were James Ledwell and Ryan Jackson (WHOI).

Station and cast		E1—015
General Information	Date Time Latitude Longitude	11/06/2006 07:30 9°30.80 104°10.00
Instrument Configuration	Down Up	Y Y
Battery Charging Current [A]	Begin End	1.46 0.20
Physical Information [m]	Water Depth Zend Zmax	2807 2772.5—? -49.9—?

NOTES: (a) Up-looker beam 1 broken; (b); See note on cast 014.

Station and cast		W1—016
General Information	Date Time Latitude Longitude	11/07/2006 00:53:20 9°29.81 104°19.76
Instrument Configuration	Down Up	Y Y
Battery Charging Current [A]	Begin End	1.3 0.27
Physical Information [m]	Water Depth Zend Zmax	2790 2759.6—2779.8 - (45.9—30.6)

NOTES: See note on cast 014.

Station and cast		W2—017
General Information	Date Time Latitude Longitude	11/07/2006 03:56:00 9°28.50 104°23.7
Instrument Configuration	Down Up	Y Y
Battery Charging Current [A]	Begin End	1.15 0.43
Physical Information [m]	Water Depth Zend Zmax	3030 3008.5—3001.8 - (25.3—37.1)

NOTES: See note on cast 014.

Station and cast		W3—018
General Information	Date	11/07/2006
	Time	07:04:30
	Latitude	9°27.69
	Longitude	104°27.997
Instrument Configuration	Down	Y
	Up	Y
Battery Charging Current [A]	Begin	?
	End	?
Physical Information [m]	Water Depth	3030
	Zend	2239.1—?
	Zmax	-780.3—?

NOTES: See note on cast 014.

Station and cast		N2—019
General Information	Date	11/08/2006
	Time	09:44:50
	Latitude	9°40.04
	Longitude	104°15.66
Instrument Configuration	Down	Y
	Up	N
Battery Charging Current [A]	Begin	1.4
	End	0.23
Physical Information [m]	Water Depth	2540
	Zend	2514.6
	Zmax	-37.7

NOTES: We took off up-looker with Ryan Jackson (WHOI) this afternoon. Indeed, not only it is broken, but Andreas thinks that it may have screwed up all down-looker measurements as well.

Station and cast		E1—020
General Information	Date Time Latitude Longitude	11/09/2006 08:16:00 9°30.7559 104°10.0070
Instrument Configuration	Down Up	Y N
Battery Charging Current [A]	Begin End	not charged not charged
Physical Information [m]	Water Depth Zend Zmax	2800 2792.6 -19.3

NOTES: (a) The operator forgot to switch cables (up to down-looker) connecting the ADCP to the battery charger, so she could not recharge the battery. After doing that, everything worked fine; (b) Together with the Chief Scientist, we opened the up-looker head we took off yesterday and discovered that several components are corroded. This might explain why this head is broken!

Station and cast		W2—021
General Information	Date Time Latitude Longitude	11/10/2006 01:10 9°28.5045 104°23.7009
Instrument Configuration	Down Up	Y N
Battery Charging Current [A]	Begin End	0.87 0.23
Physical Information [m]	Water Depth Zend Zmax	3019 2996.0 -49.1

NOTES: The charger was not working again, as one of the bananas split was not connected properly. Also one of the cable (orange) was not connected to the serial port.

Station and cast		W3—022
General Information	Date Time Latitude Longitude	11/10/2006 04:13:00 9°27.7001 104°28.0011
Instrument Configuration	Down Up	Y N
Battery Charging Current [A]	Begin End	1.4 0.25
Physical Information [m]	Water Depth Zend Zmax	3030 3000.0 -26.6

Station and cast		N1—023
General Information	Date Time Latitude Longitude	11/10/2006 00:16 9°35.011 104°15.1002
Instrument Configuration	Down Up	Y N
Battery Charging Current [A]	Begin End	1.4 0.24
Physical Information [m]	Water Depth Zend Zmax	2543 2501.3 -49.4

Station and cast		E2—024
General Information	Date Time Latitude Longitude	11/11/2006 09:38:10 9°31.49 104°04.70
Instrument Configuration	Down Up	Y N
Battery Charging Current [A]	Begin End	1.5 0.12
Physical Information [m]	Water Depth Zend Zmax	3110 3101.6 -10.3

Station and cast		E3—025
General Information	Date Time Latitude Longitude	11/11/2006 01:55:05 9°32.50 103°57.999
Instrument Configuration	Down Up	Y N
Battery Charging Current [A]	Begin End	1.4 0.25
Physical Information [m]	Water Depth Zend Zmax	3043 3020.1 -33.9

NOTES: Cast aborted before putting in CTD because of communication failure between CTD and deck box

Station and cast		N1—026
General Information	Date Time Latitude Longitude	11/12/2006 06:08 9°34.97 104°15.10
Instrument Configuration	Down Up	Y N
Battery Charging Current [A]	Begin End	1.4 0.2
Physical Information [m]	Water Depth Zend Zmax	2543 2509.0 -43.3

Station and cast		N3—027
General Information	Date Time Latitude Longitude	11/12/2006 09:17:50 9°45.00 104°16.51
Instrument Configuration	Down Up	Y N
Battery Charging Current [A]	Begin End	1.4 0.25
Physical Information [m]	Water Depth Zend Zmax	2525 2478.9 -38.8

Station and cast		W1—028
General Information	Date Time Latitude Longitude	11/13/2006 08:05 9°30.0001 104°19.7996
Instrument Configuration	Down Up	Y N
Battery Charging Current [A]	Begin End	1.5 0.21
Physical Information [m]	Water Depth Zend Zmax	2830 2754.2 -36.0

Station and cast		CA—29
General Information	Date Time Latitude Longitude	11/13/2006 10:32:10 9°29.7213 104°14.5091
Instrument Configuration	Down Up	Y N
Battery Charging Current [A]	Begin End	1.4 0.23
Physical Information [m]	Water Depth Zend Zmax	2560 2519.6 -42.2

Station and cast		SA—030
General Information	Date Time Latitude Longitude	11/14/2006 04:19:10 9°09.0046 104°12.6696
Instrument Configuration	Down Up	Y N
Battery Charging Current [A]	Begin End	1.4 0.11
Physical Information [m]	Water Depth Zend Zmax	2589 2551.1 -51.5

Station and cast		N2—031
General Information	Date Time Latitude Longitude	11/14/2006 09:50:45 9°40.0084 104°15.6824
Instrument Configuration	Down Up	Y N
Battery Charging Current [A]	Begin End	1.4 0.1
Physical Information [m]	Water Depth Zend Zmax	2530 2498.3 -43.5

Station and cast		EF—032
General Information	Date Time Latitude Longitude	11/15/2006 02:18:55 9°33.4888 103°52.2915
Instrument Configuration	Down Up	Y N
Battery Charging Current [A]	Begin End	1.4 0.21
Physical Information [m]	Water Depth Zend Zmax	3010 2967.4 -47.8

Station and cast		N3—033
General Information	Date Time Latitude Longitude	11/15/2006 07:25:40 9°44.9623 104°16.5078
Instrument Configuration	Down Up	Y N
Battery Charging Current [A]	Begin End	1.4 0.25
Physical Information [m]	Water Depth Zend Zmax	2529 2484.6 -76.2

Station and cast		N2—034
General Information	Date Time Latitude Longitude	11/15/2006 10:12:50 9°40.0054 104°15.6672
Instrument Configuration	Down Up	Y N
Battery Charging Current [A]	Begin End	1.4 0.21
Physical Information [m]	Water Depth Zend Zmax	2540 2483.7 -63.0

Station and cast		S1—035
General Information	Date Time Latitude Longitude	11/15/2006 14:23:35 9°25:0011 104°13.8008
Instrument Configuration	Down Up	Y N
Battery Charging Current [A]	Begin End	1.4 0.25
Physical Information [m]	Water Depth Zend Zmax	2581 2555.7 8.0

NOTES: (a) Because there was no time between this cast and the following, the downloading and the charging were skipped; (b) The cats was started by operator and then was continued by Chief Scientist.

Station and cast		S1—036
General Information	Date Time Latitude Longitude	11/15/2006 16:22 9°25:0 104°13.8
Instrument Configuration	Down Up	Y N
Battery Charging Current [A]	Begin End	??? 0.008
Physical Information [m]	Water Depth Zend Zmax	2582 2554.6 -17.4

NOTES: Operator (Chief Scientist) did not sign initial charging current and

did not switch off battery charger.