

Zimbra

yzhang@mbari.org

Re: Makai CTD values - 06/05/2015**From :** Brian Kieft <bkieft@mbari.org>

Fri, Jun 05, 2015 02:11 PM

Subject : Re: Makai CTD values - 06/05/2015

To : Brent Jones <bjones@mbari.org>, Christopher Wahl <cwahl@mbari.org>, Monique Messié <monique@mbari.org>, Francisco Chavez <chfr@mbari.org>, Yanwu Zhang <yzhang@mbari.org>, Brett Hobson <hobson@mbari.org>

Reply To : Brian Kieft <bkieft@mbari.org>

Post deployment

Tank:

Last Acquired CTD Sample				
Timestamp (PST8PDT)	Salinity (psu)	Temperature (C)	Pressure (dbar)	Sigma-t (kg/m ³)
Fri 05 Jun 2015 13:30:10	34.6334	19.3011	0.565	24.6651

Makai:

-0.38,19.31174,45.77471,33.8052*1E
-0.38,19.31174,45.77515,33.8056*19
-0.38,19.31146,45.77548,33.8061*14
-0.38,19.31070,45.77363,33.8052*1F
-0.38,19.31302,45.77379,33.8034*12
-0.38,19.31079,45.77243,33.8041*17
-0.37,19.31082,45.77445,33.8058*14
-0.38,19.31167,45.77238,33.8033*10
-0.37,19.31000,45.77266,33.8049*19
-0.38,19.31119,45.77316,33.8044*14
-0.38,19.31158,45.77420,33.8049*1E
-0.37,19.30923,45.77190,33.8049*1A
-0.37,19.31070,45.77463,33.8060*16
-0.38,19.31094,45.77429,33.8055*1B
-0.37,19.30881,45.77265,33.8059*1B
-0.37,19.30972,45.77492,33.8070*13
-0.39,19.30871,45.77579,33.8086*12
-0.37,19.30923,45.77675,33.8089*1A
-0.37,19.30884,45.77102,33.8045*11
-0.38,19.30896,45.77639,33.8089*12
-0.35,19.30844,45.77449,33.8077*14
-0.37,19.30817,45.77044,33.8046*1B
-0.38,19.30768,45.77307,33.8072*10
-0.39,19.30777,45.77600,33.8095*14
-0.39,19.30719,45.77129,33.8061*1B
-0.39,19.30704,45.77773,33.8115*1C
-0.40,19.30688,45.77534,33.8097*1D
-0.38,19.30759,45.77471,33.8086*1F
-0.39,19.30621,45.77347,33.8087*13
-0.39,19.30649,45.77333,33.8083*1A

-0.38,19.30594,45.77478,33.8100*1A
-0.42,19.30560,45.77353,33.8092*18
-0.40,19.30560,45.77436,33.8099*15
-0.39,19.30600,45.77410,33.8094*17
-0.39,19.30569,45.77127,33.8073*13
-0.41,19.30557,45.77422,33.8098*14
-0.37,19.30582,45.77461,33.8099*1B
-0.43,19.30472,45.77272,33.8093*18

From: "Brian Kieft" <bkieft@mbari.org>

To: "Brent Jones" <bjones@mbari.org>, "Christopher Wahl" <cwahl@mbari.org>, "Monique Messié" <monique@mbari.org>, "Francisco Chavez" <chfr@mbari.org>, "Yanwu Zhang" <yzhang@mbari.org>, "Brett Hobson" <hobson@mbari.org>

Sent: Monday, June 1, 2015 3:41:55 PM

Subject: Re: Makai CTD values - 06/01/2015

Pre-deployment

Tank:

Last Acquired CTD Sample				
Timestamp (PST8PDT)	Salinity (psu)	Temperature (C)	Pressure (dbar)	Sigma-t (kg/m ³)
Mon 01 Jun 2015 14:30:10	34.5886	19.3167	0.520	24.6269

Makai:

-0.12,19.37201,46.15335,34.0692*14
-0.12,19.37280,46.15071,34.0664*17
-0.13,19.37329,46.15113,34.0663*16
-0.12,19.37344,46.15167,34.0666*1A
-0.12,19.37463,46.15172,34.0657*1E
-0.12,19.37616,46.15135,34.0642*19
-0.12,19.37692,46.15247,34.0645*14
-0.12,19.37814,46.15201,34.0631*15
-0.11,19.37918,46.15045,34.0609*12
-0.11,19.38098,46.15327,34.0618*1B
-0.12,19.38055,46.15534,34.0639*1E
-0.12,19.38098,46.15584,34.0639*14
-0.12,19.38211,46.15621,34.0633*11
-0.12,19.38180,46.15693,34.0642*15
-0.12,19.38241,46.15356,34.0609*18
-0.12,19.38263,46.15417,34.0612*10
-0.12,19.38296,46.15753,34.0637*1E
-0.12,19.38296,46.15565,34.0621*1E
-0.12,19.38348,46.15942,34.0648*1A
-0.11,19.38360,46.15628,34.0621*1F
-0.12,19.38464,46.15516,34.0604*16
-0.11,19.38464,46.15604,34.0611*11
-0.11,19.38660,46.15711,34.0604*16
-0.12,19.38837,46.15731,34.0591*14
-0.12,19.38940,46.15624,34.0574*1B
-0.12,19.39126,46.15673,34.0563*16

-0.12,19.39136,46.15740,34.0567*12
-0.12,19.39166,46.16031,34.0589*15
-0.11,19.39242,46.16010,34.0581*18
-0.11,19.39331,46.15812,34.0557*1F
-0.12,19.39331,46.15732,34.0551*17
-0.11,19.39365,46.16070,34.0576*12
-0.11,19.39371,46.16408,34.0603*1D
-0.12,19.39322,46.15843,34.0561*1F
-0.11,19.39484,46.15945,34.0556*14
-0.12,19.39532,46.16469,34.0595*14

From: "Brian Kieft" <bkieft@mbari.org>

To: "Brent Jones" <bjones@mbari.org>, "Christopher Wahl" <cwahl@mbari.org>, "Monique Messié" <monique@mbari.org>, "Francisco Chavez" <chfr@mbari.org>, "Yanwu Zhang" <yzhang@mbari.org>, "Brett Hobson" <hobson@mbari.org>

Sent: Thursday, May 28, 2015 6:32:57 PM

Subject: Re: Makai CTD values - 05/28/2015

Tank:

Last Acquired CTD Sample				
Timestamp (PST8PDT)	Salinity (psu)	Temperature (C)	Pressure (dbar)	Sigma-t (kg/m ³)
Thu 28 May 2015 17:30:09	34.5677	19.4409	0.496	24.5789

Makai:

-0.45,19.43167,46.58179,34.3747*1F
-0.45,19.43884,46.57909,34.3666*19
-0.45,19.43234,46.57580,34.3692*1E
-0.45,19.43243,46.57379,34.3675*17
-0.45,19.43216,46.57112,34.3655*1A
-0.45,19.43161,46.56951,34.3646*15
-0.45,19.43167,46.56807,34.3633*13
-0.45,19.43127,46.56198,34.3586*15
-0.45,19.42670,46.55850,34.3595*1D
-0.44,19.43216,46.55564,34.3527*1A
-0.45,19.42892,46.55247,34.3527*1A
-0.45,19.42709,46.55018,34.3523*1B
-0.45,19.42596,46.54645,34.3502*13
-0.44,19.42499,46.54418,34.3491*1D
-0.45,19.42447,46.54285,34.3484*19
-0.45,19.42218,46.53919,34.3473*14
-0.44,19.42346,46.53626,34.3438*13
-0.44,19.41952,46.53305,34.3444*10
-0.45,19.41638,46.53193,34.3461*18
-0.45,19.41461,46.53105,34.3468*10
-0.45,19.41333,46.52964,34.3467*11
-0.45,19.40967,46.52812,34.3484*16
-0.45,19.40582,46.52479,34.3489*1D
-0.45,19.40393,46.52215,34.3482*1C

-0.46,19.39795,46.52210,34.3531*1F
-0.45,19.38425,46.51878,34.3617*15
-0.44,19.38296,46.51835,34.3623*14
-0.45,19.38138,46.51570,34.3615*1B
-0.46,19.38293,46.51668,34.3610*15
-0.45,19.38940,46.51483,34.3541*13
-0.46,19.39728,46.51258,34.3458*18
-0.45,19.40686,46.51085,34.3364*1A
-0.45,19.40927,46.50999,34.3338*12
-0.45,19.41580,46.50814,34.3269*13
-0.46,19.42081,46.50420,34.3195*1C
-0.45,19.42944,46.50387,34.3121*1A
-0.45,19.43271,46.50240,34.3082*14
-0.46,19.43500,46.50046,34.3047*1B
-0.45,19.43811,46.50151,34.3030*12
-0.44,19.44034,46.50111,34.3008*14

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Sent: Tuesday, May 19, 2015 9:01:40 AM

Subject: Re: Makai CTD values - 05/19/2015

Here's the data from Makai this morning. Note that I've pulled the CTD up near the surface in the SW corner. Unfortunately it hasn't taken another sample yet, though I'll send out an ammended note with new tank values if they change.

These values are closer than the other vehicles and I'll plan to do future readings in the same manner.

Tank:

Last Acquired CTD Sample				
Timestamp (PST8PDT)	Salinity (psu)	Temperature (C)	Pressure (dbar)	Sigma-t (kg/m ³)
Tue 19 May 2015 08:30:09	34.6037	19.2830	8.927	24.6471

Makai:

-0.01,19.35086,46.67391,34.5176*1A
-0.01,19.34854,46.67414,34.5197*19
-0.02,19.34930,46.67419,34.5192*11
-0.02,19.34412,46.67349,34.5229*1D
-0.01,19.34994,46.67374,34.5182*11
-0.02,19.35010,46.67439,34.5187*1D
-0.00,19.34881,46.67366,34.5191*14
-0.02,19.35361,46.67315,34.5147*1D
-0.02,19.34970,46.67599,34.5203*17
-0.01,19.33050,46.67413,34.5347*1A
-0.01,19.35257,46.72529,34.5588*10
-0.02,19.35605,46.67404,34.5134*19
-0.02,19.37659,46.67487,34.4971*11
-0.01,19.35443,46.67602,34.5164*1B

-0.00,19.34183,46.67517,34.5262*10
-0.01,19.34769,46.67460,34.5208*1E
-0.01,19.34155,46.67574,34.5269*14
-0.01,19.34943,46.67449,34.5193*12
-0.02,19.34784,46.67565,34.5216*15
-0.01,19.34891,46.67499,34.5201*19
-0.02,19.35760,46.67401,34.5121*1A
-0.01,19.34851,46.67546,34.5209*1E
-0.00,19.34891,46.67521,34.5203*18
-0.01,19.34900,46.67443,34.5196*1A
-0.01,19.33130,46.67577,34.5354*1C
-0.00,19.34939,46.67287,34.5180*18
-0.02,19.34939,46.67705,34.5214*1B
-0.00,19.37628,46.67598,34.4983*17
-0.02,19.34668,46.67604,34.5229*1E
-0.01,19.34027,46.67691,34.5289*16
-0.02,19.34900,46.67601,34.5209*18
-0.01,19.35257,46.67713,34.5189*1A
-0.02,19.33545,46.67593,34.5321*11
-0.01,19.31851,46.67603,34.5462*12
-0.02,19.34939,46.67684,34.5213*14
-0.00,19.34860,46.67712,34.5222*17
