

Zimbra

yzhang@mbari.org

Re: Tethys CTD values - 07/06/2015**From :** Brian Kieft <bkieft@mbari.org>

Mon, Jul 06, 2015 11:32 AM

Subject : Re: Tethys CTD values - 07/06/2015

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>

Pre Deployment values for Irauv-tethys

Tank:

Last Acquired CTD Sample				
Timestamp (PST8PDT)	Salinity (psu)	Temperature (C)	Pressure (dbar)	Sigma-t (kg/m ³)
Mon 06 Jul 2015 11:30:10	34.6590	19.5324	0.708	24.6250

Tethys:

0.60,19.56134,45.53201,33.4038*1C
0.60,19.55206,45.53215,33.4114*17
0.60,19.56012,45.53156,33.4044*13
0.60,19.55984,45.53237,33.4053*14
0.60,19.56003,45.53211,33.4050*16
0.60,19.55954,45.53234,33.4056*1F
0.59,19.56018,45.53261,33.4053*12
0.60,19.56518,45.53292,33.4015*13
0.60,19.55246,45.53208,33.4110*1B
0.60,19.56067,45.53236,33.4047*17
0.59,19.56064,45.53176,33.4042*1C
0.60,19.55429,45.53181,33.4093*1C
0.60,19.56467,45.53240,33.4015*15
0.60,19.56067,45.53282,33.4050*1E
0.59,19.56094,45.53199,33.4041*11
0.60,19.55948,45.53188,33.4052*12
0.60,19.56113,45.53221,33.4042*16
0.62,19.56122,45.53272,33.4045*17
0.60,19.55484,45.53252,33.4094*11
0.60,19.55801,45.53259,33.4070*11
0.60,19.56229,45.53231,33.4033*1B
0.60,19.56216,45.53343,33.4043*14
0.60,19.55890,45.53312,33.4067*11
0.60,19.56250,45.53331,33.4040*10
0.60,19.56222,45.53272,33.4037*13
0.60,19.56344,45.53330,33.4032*10
0.60,19.56583,45.53302,33.4011*1D
0.59,19.56204,45.53335,33.4044*1B
0.59,19.56180,45.53390,33.4050*1E
0.60,19.56824,45.53330,33.3994*1F
0.60,19.56244,45.53372,33.4044*16
0.60,19.56268,45.53297,33.4036*17

0.60,19.55505,45.53292,33.4096*17

0.60,19.56686,45.53276,33.4000*19

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: Friday, June 5, 2015 2:39:28 PM

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

Post Deployment

Tank:

Last Acquired CTD Sample				
Timestamp (PST8PDT)	Salinity (psu)	Temperature (C)	Pressure (dbar)	Sigma-t (kg/m ³)
Fri 05 Jun 2015 14:30:09	34.6348	19.2994	0.563	24.6666

Tethys:

0.33,19.29712,44.69316,32.9238*11

0.33,19.29620,44.69181,32.9234*11

0.33,19.29504,44.69367,32.9259*15

0.33,19.29297,44.69303,32.9270*11

0.33,19.29718,44.69302,32.9236*10

0.32,19.29593,44.69474,32.9260*15

0.32,19.29553,44.69298,32.9249*16

0.33,19.30224,44.69138,32.9183*14

0.33,19.29590,44.69075,32.9228*1E

0.33,19.29678,44.69134,32.9226*11

0.33,19.29578,44.69121,32.9232*13

0.33,19.29648,44.69065,32.9222*13

0.33,19.29623,44.69062,32.9224*1F

0.33,19.29568,44.69199,32.9240*14

0.33,19.29224,44.68957,32.9247*17

0.33,19.29584,44.68949,32.9218*1F

0.33,19.29727,44.69006,32.9211*1E

0.33,19.29721,44.68899,32.9203*14

0.33,19.30249,44.68947,32.9165*16

0.33,19.29626,44.68882,32.9209*12

0.33,19.29727,44.69029,32.9213*11

0.33,19.29742,44.68901,32.9201*13

0.33,19.29367,44.68933,32.9234*17

0.33,19.29843,44.68930,32.9196*12

0.33,19.29706,44.68929,32.9207*1F

0.33,19.29690,44.68877,32.9203*1F

0.33,19.29080,44.68886,32.9253*13

0.33,19.29562,44.68908,32.9216*1C

0.33,19.29602,44.68991,32.9220*1C

0.33,19.29419,44.68620,32.9204*17

0.33,19.30203,44.68659,32.9145*1A

0.33,19.29437,44.68635,32.9204*1F

0.34,19.29425,44.68692,32.9209*1B

0.34,19.29333,44.68516,32.9202*1F
0.33,19.29446,44.68526,32.9194*12
0.34,19.29285,44.68630,32.9215*12
0.33,19.29288,44.68595,32.9212*13
0.33,19.28656,44.68533,32.9257*18
0.33,19.29297,44.68533,32.9206*14
0.33,19.29397,44.68675,32.9210*13
0.33,19.29205,44.68252,32.9190*13

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" <yzzhang@mbari.org>, "Brett Hobson" <hobson@mbari.org>

Sent: Monday, June 1, 2015 3:24:45 PM

Subject: Re: Tethys 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

Tethys:

0.70,19.34155,45.00003,33.1413*10
0.71,19.33884,45.00128,33.1445*18
0.71,19.34131,45.00109,33.1424*1C
0.71,19.34042,45.00318,33.1448*11
0.72,19.34006,45.00233,33.1444*16
0.71,19.34003,45.00248,33.1446*1E
0.71,19.33966,45.00447,33.1465*1B
0.71,19.34006,45.00335,33.1453*14
0.71,19.34045,45.00465,33.1460*11
0.71,19.34503,45.00303,33.1410*16
0.70,19.34143,45.00363,33.1444*10
0.71,19.34408,45.00188,33.1408*14
0.71,19.33835,45.00078,33.1445*16
0.70,19.34137,45.00220,33.1433*15
0.71,19.34091,45.00214,33.1436*1B
0.70,19.33224,45.00114,33.1496*18
0.71,19.33890,45.00053,33.1438*1A
0.71,19.33777,45.00083,33.1450*1F
0.70,19.33282,45.00213,33.1500*1E
0.70,19.33343,45.00305,33.1503*17
0.70,19.33688,45.00378,33.1481*14
0.70,19.34045,45.00091,33.1429*12
0.70,19.33465,45.00230,33.1487*1E
0.70,19.33725,45.00186,33.1463*1D
0.71,19.33642,45.00075,33.1460*12
0.70,19.34155,45.00097,33.1421*1C
0.70,19.33606,44.99983,33.1455*14
0.70,19.33588,44.99907,33.1450*18
0.69,19.33914,44.99871,33.1422*1C

0.69,19.33224,44.99892,33.1478*16
0.69,19.33551,44.99932,33.1455*17
0.69,19.33234,45.00304,33.1511*1C
0.69,19.33688,45.00214,33.1468*10
0.69,19.33557,45.00444,33.1497*12
0.69,19.33444,45.00484,33.1509*1B
0.68,19.33465,45.00598,33.1517*1A
0.69,19.33295,45.00400,33.1514*11

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" <yzzhang@mbari.org>, "Brett Hobson" <hobson@mbari.org>

Sent: Thursday, May 28, 2015 6:24:25 PM

Subject: Re: Tethys CTD values - 05/28/2015 (and previous)

The previous e-mail I sent was wrong for Tethys (below with Tethys' data removed). Please use this

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

Tethys:

-0.03,19.40356,46.45162,34.2900*14
-0.03,19.40851,46.45804,34.2913*13
-0.03,19.41611,46.46144,34.2878*1A
-0.03,19.42627,46.46470,34.2822*11
-0.04,19.43027,46.46883,34.2823*10
-0.03,19.43191,46.47003,34.2819*13
-0.03,19.43243,46.46506,34.2774*1A
-0.03,19.43173,46.46648,34.2791*18
-0.03,19.43085,46.46445,34.2782*1D
-0.03,19.42993,46.45695,34.2727*11
-0.03,19.42871,46.44522,34.2640*12
-0.03,19.42822,46.44528,34.2645*1B
-0.02,19.42660,46.43532,34.2576*1D
-0.02,19.42782,46.44081,34.2611*18
-0.01,19.42731,46.44952,34.2688*14
-0.01,19.43130,46.45780,34.2723*12
-0.00,19.43613,46.45916,34.2695*18
-0.00,19.43884,46.46151,34.2692*17
-0.00,19.44305,46.45666,34.2617*1F
0.00,19.44238,46.45557,34.2614*1F
-0.00,19.44086,46.45367,34.2611*15
-0.00,19.43597,46.45075,34.2626*13
-0.00,19.43420,46.44903,34.2627*16
0.00,19.43460,46.44762,34.2612*10
0.01,19.43701,46.44723,34.2589*11
0.02,19.43939,46.44265,34.2531*13
0.02,19.44021,46.44039,34.2506*1B
0.02,19.44058,46.43650,34.2471*1A

0.02,19.44131,46.43861,34.2482*14
0.03,19.43982,46.44232,34.2525*15
0.03,19.43811,46.44245,34.2540*1D
0.03,19.43515,46.44308,34.2570*1F
0.03,19.43042,46.44004,34.2583*1B
0.03,19.42541,46.43656,34.2596*1E
0.03,19.42569,46.43390,34.2572*11
0.04,19.42822,46.43003,34.2519*10
0.03,19.42871,46.42663,34.2487*16
0.02,19.42789,46.42239,34.2458*16
0.02,19.42673,46.42130,34.2459*19
0.01,19.42718,46.42224,34.2463*19

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" <yzzhang@mbari.org>, "Brett Hobson" <hobson@mbari.org>
Sent: Thursday, May 28, 2015 6:19:51 PM
Subject: Re: Tethys CTD values - 05/28/2015 (and previous)

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

Tethys:

-

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" <yzzhang@mbari.org>, "Brett Hobson" <hobson@mbari.org>
Sent: Friday, May 22, 2015 2:37:34 PM
Subject: Re: Tethys CTD values - 05/19/2015 (and return 5/22)

CTD values after returning from sea today. Deployment values copied at bottom.

Tank:

Last Acquired CTD Sample				
Timestamp (PST8PDT)	Salinity (psu)	Temperature (C)	Pressure (dbar)	Sigma-t (kg/m ³)
Fri 22 May 2015 14:30:09	34.5632	19.4349	0.515	24.5770

Tethys:

0.33,19.43954,46.32559,34.1562*16
0.33,19.43970,46.32558,34.1560*13
0.33,19.43979,46.32560,34.1560*11
0.33,19.43994,46.32578,34.1560*1B
0.34,19.44006,46.32502,34.1553*14

0.34,19.44070,46.32531,34.1550*16
 0.35,19.44049,46.32529,34.1551*15
 0.35,19.43982,46.32564,34.1560*17
 0.36,19.44037,46.32493,34.1549*16
 0.36,19.44018,46.32457,34.1548*12
 0.36,19.44031,46.32428,34.1544*1D
 0.37,19.44006,46.32519,34.1554*1A
 0.37,19.43997,46.32513,34.1554*16
 0.37,19.43982,46.32549,34.1558*11
 0.37,19.43960,46.32595,34.1564*13
 0.37,19.43997,46.32458,34.1550*1C
 0.37,19.43869,46.32543,34.1567*13
 0.37,19.43997,46.32483,34.1552*18
 0.37,19.43964,46.32400,34.1548*14
 0.37,19.44006,46.32442,34.1548*18
 0.37,19.44000,46.32440,34.1548*1C
 0.37,19.43982,46.32442,34.1550*13
 0.37,19.43994,46.32437,34.1548*1F
 0.36,19.43863,46.32546,34.1568*12
 0.36,19.44006,46.32473,34.1550*12
 0.36,19.43982,46.32393,34.1546*1E
 0.35,19.44015,46.32369,34.1541*1F
 0.35,19.43930,46.32351,34.1546*1A
 0.34,19.44006,46.32401,34.1544*10
 0.34,19.43997,46.32382,34.1544*1A
 0.33,19.44000,46.32779,34.1576*1C
 0.34,19.43915,46.32669,34.1574*13
 0.34,19.44015,46.32394,34.1543*1E
 0.34,19.44018,46.32378,34.1541*13
 0.34,19.44040,46.32364,34.1538*1D
 0.34,19.44049,46.32370,34.1538*11

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" <yzzhang@mbari.org>, "Brett Hobson" <hobson@mbari.org>

Sent: Tuesday, May 19, 2015 5:13:04 PM

Subject: Tethys CTD values - 05/19/2015

Taken next to Seabird in SW corner of tank with both at surface

Tank:

Last Acquired CTD Sample				
Timestamp (PST8PDT)	Salinity (psu)	Temperature (C)	Pressure (dbar)	Sigma-t (kg/m ³)
Tue 19 May 2015 09:30:10	34.6131	19.2943	0.540	24.6514

Tethys:

0.32,19.27566,46.17969,34.1698*16
 0.33,19.27661,46.17987,34.1692*19
 0.33,19.27603,46.18055,34.1702*1C

0.33,19.27594,46.18027,34.1701*17
0.33,19.27603,46.18045,34.1701*1E
0.33,19.27853,46.17979,34.1675*1E
0.33,19.27640,46.18036,34.1697*13
0.33,19.27609,46.18116,34.1707*15
0.34,19.27722,46.18037,34.1691*16
0.33,19.27734,46.18044,34.1690*13
0.33,19.27664,46.18156,34.1705*18
0.33,19.27743,46.18080,34.1693*18
0.33,19.27850,46.18046,34.1681*1C
0.33,19.27661,46.18069,34.1698*15
0.33,19.27753,46.18088,34.1693*11
0.33,19.27728,46.18067,34.1693*1C
0.33,19.27664,46.18072,34.1698*1A
0.32,19.27545,46.18084,34.1709*1B
0.33,19.27847,46.17888,34.1668*18
0.33,19.27676,46.17895,34.1683*1D
0.33,19.27731,46.17885,34.1677*15
0.33,19.27597,46.17893,34.1689*1D
0.33,19.27579,46.17911,34.1692*1C
0.33,19.27493,46.17884,34.1697*11
0.33,19.27466,46.17963,34.1706*1A
0.33,19.27505,46.17839,34.1692*1C
0.32,19.27466,46.17841,34.1696*12
0.33,19.27600,46.17774,34.1679*19
0.33,19.27579,46.17712,34.1676*1B
0.33,19.27579,46.17712,34.1676*1B
0.33,19.27649,46.17679,34.1667*17
0.32,19.27551,46.17779,34.1683*17
0.33,19.27432,46.17780,34.1693*15