

Zimbra

yzhang@mbari.org

Re: CTD values from Tethys**From :** Brian Kieft <bkieft@mbari.org>

Tue, Aug 25, 2015 12:12 PM

Subject : Re: CTD values from Tethys**To :** Brett Hobson <hobson@mbari.org>, Michael Jordan Stanway <mjstanway@mbari.org>, Yanwu Zhang <yzhang@mbari.org>, Francisco Chavez <chfr@mbari.org>, Monique Messié <monique@mbari.org>**Reply To :** Brian Kieft <bkieft@mbari.org>

Tethys post-deployment 97 MBTS

Tank:

Last Acquired CTD Sample				
Timestamp (PST8PDT)	Salinity (psu)	Temperature (C)	Pressure (dbar)	Sigma-t (kg/m ³)
Tue 25 Aug 2015 11:30:10	34.6726	20.3916	0.716	24.4096

Tethys:

0.39,20.41891,47.53375,34.3462*11
0.38,20.41687,47.53499,34.3489*19
0.38,20.41821,47.53396,34.3470*15
0.38,20.41785,47.53413,34.3474*1A
0.38,20.41919,47.53398,34.3462*12
0.38,20.41876,47.53381,34.3464*14
0.38,20.41772,47.53350,34.3470*16
0.38,20.41653,47.53385,34.3482*11
0.39,20.41635,47.53374,34.3483*1F
0.39,20.41809,47.53388,34.3470*11
0.38,20.41809,47.53388,34.3470*10
0.38,20.41788,47.53304,34.3465*16
0.39,20.41672,47.53379,34.3480*12
0.38,20.41662,47.53308,34.3475*1E
0.38,20.41757,47.53270,34.3465*16
0.38,20.41669,47.53244,34.3470*19
0.39,20.41757,47.53303,34.3467*10
0.38,20.41736,47.53277,34.3467*14
0.38,20.41650,47.53190,34.3467*1F
0.39,20.41678,47.53205,34.3466*1A
0.38,20.41708,47.53252,34.3467*1E
0.38,20.41769,47.53166,34.3455*1C
0.39,20.41678,47.53192,34.3465*14
0.38,20.41666,47.53113,34.3459*1C
0.38,20.41650,47.53176,34.3466*16
0.38,20.41669,47.53207,34.3466*19
0.39,20.41687,47.53194,34.3464*13
0.39,20.41611,47.53107,34.3463*11
0.39,20.41604,47.53051,34.3459*1E
0.38,20.41650,47.53048,34.3455*1A
0.38,20.41705,47.53069,34.3452*1F

0.39,20.41638,47.53046,34.3456*18
0.39,20.41595,47.53010,34.3457*1E
0.39,20.41562,47.53062,34.3464*13
0.38,20.41540,47.53085,34.3467*18
0.39,20.41489,47.53087,34.3472*1B
0.39,20.41598,47.53018,34.3457*1B
0.39,20.41574,47.52990,34.3457*11
0.39,20.41562,47.52852,34.3446*19
0.38,20.41562,47.53023,34.3460*13

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

To: "Paul Coenen" <coenen@mbari.org>, "Brett Hobson" <hobson@mbari.org>, "Michael Jordan Stanway" <mjstanway@mbari.org>, "Yanwu Zhang" <yzhang@mbari.org>, "Francisco Chavez" <chfr@mbari.org>, "Monique Messié" <monique@mbari.org>

Sent: Monday, August 3, 2015 3:54:46 PM

Subject: Re: CTD values from Tethys

Tethys post deployment 95 - MBTS

Tank:

Last Acquired CTD Sample				
Timestamp (PST8PDT)	Salinity (psu)	Temperature (C)	Pressure (dbar)	Sigma-t (kg/m ³)
Mon 03 Aug 2015 15:30:10	34.6541	20.0921	0.705	24.4749

Tethys:

0.96,20.14026,47.43095,34.4896*1C
0.95,20.13031,47.42260,34.4909*10
0.95,20.12372,47.42253,34.4963*19
0.95,20.11981,47.41884,34.4965*19
0.95,20.11493,47.42195,34.5030*15
0.95,20.11160,47.42191,34.5057*19
0.95,20.11182,47.42661,34.5093*15
0.96,20.11166,47.42560,34.5086*1A
0.95,20.11111,47.42443,34.5081*1E
0.95,20.11020,47.43170,34.5148*1D
0.96,20.11124,47.43444,34.5162*11
0.95,20.11246,47.43508,34.5157*1A
0.95,20.11307,47.43987,34.5191*1F
0.96,20.11410,47.44497,34.5225*1A
0.96,20.11825,47.44965,34.5229*1C
0.96,20.12424,47.45059,34.5187*12
0.97,20.12793,47.45073,34.5158*16
0.97,20.13245,47.45141,34.5127*11
0.97,20.13183,47.45718,34.5179*19
0.98,20.12878,47.45515,34.5187*14
0.97,20.12610,47.45113,34.5176*17
0.97,20.12594,47.44171,34.5101*1D
0.97,20.12790,47.44249,34.5091*1B
0.98,20.12576,47.44189,34.5104*1C
0.97,20.12537,47.44070,34.5097*1A
0.97,20.12588,47.43934,34.5082*14
0.96,20.12518,47.44578,34.5140*10

0.97,20.12424,47.44458,34.5138*13
0.97,20.12472,47.44438,34.5133*1D

From: "Brian Kieft" <bkieft@mbari.org>
To: "Paul Coenen" <coenen@mbari.org>, "Brett Hobson" <hobson@mbari.org>, "Michael Jordan Stanway" <mjstanway@mbari.org>, "Yanwu Zhang" <yzhang@mbari.org>
Sent: Thursday, July 30, 2015 4:39:25 PM
Subject: Re: CTD values from Tethys

Tethys pre-deployment 95 - MBTS

From: "Brian Kieft" <bkieft@mbari.org>
To: "Paul Coenen" <coenen@mbari.org>, "Brett Hobson" <hobson@mbari.org>, "Michael Jordan Stanway" <mjstanway@mbari.org>
Sent: Thursday, July 30, 2015 4:35:30 PM
Subject: CTD values from Tethys

So here's what we got in the tank prior to deployment 95. Paul can add the additional CTD data though it seemed quite close to what the tank was reporting.

Tank:

Last Acquired CTD Sample				
Timestamp (PST8PDT)	Salinity (psu)	Temperature (C)	Pressure (dbar)	Sigma-t (kg/m ³)
Thu 30 Jul 2015 15:30:10	34.6529	19.9956	0.695	24.4994

37SMP in Tank:

Temp,	Cond,	Sal,	Date,	Time
# 19.9963,	4.75022,	34.6624,	30 Jul 2015,	23:12:28
# 19.9967,	4.75067,	34.6658,	30 Jul 2015,	23:12:34
# 19.9963,	4.75064,	34.6659,	30 Jul 2015,	23:12:40
# 19.9965,	4.75050,	34.6646,	30 Jul 2015,	23:12:46
# 19.9965,	4.75064,	34.6657,	30 Jul 2015,	23:12:52
# 19.9959,	4.74997,	34.6608,	30 Jul 2015,	23:12:58
# 19.9965,	4.75055,	34.6650,	30 Jul 2015,	23:13:04
# 19.9962,	4.75076,	34.6670,	30 Jul 2015,	23:13:10
# 19.9962,	4.75076,	34.6670,	30 Jul 2015,	23:13:16
# 19.9957,	4.75075,	34.6672,	30 Jul 2015,	23:13:22
# 19.9959,	4.75075,	34.6671,	30 Jul 2015,	23:13:28

19.9962, 4.75072, 34.6666, 30 Jul 2015, 23:13:34
19.9957, 4.75071, 34.6670, 30 Jul 2015, 23:13:40
19.9962, 4.75071, 34.6665, 30 Jul 2015, 23:13:46
19.9961, 4.75071, 34.6667, 30 Jul 2015, 23:13:52
19.9963, 4.75047, 34.6645, 30 Jul 2015, 23:13:58
19.9956, 4.75068, 34.6668, 30 Jul 2015, 23:14:04
19.9959, 4.74958, 34.6575, 30 Jul 2015, 23:14:10
19.9959, 4.75065, 34.6662, 30 Jul 2015, 23:14:16
19.9963, 4.75059, 34.6655, 30 Jul 2015, 23:14:22
19.9957, 4.75033, 34.6638, 30 Jul 2015, 23:14:28
19.9962, 4.75069, 34.6664, 30 Jul 2015, 23:14:34
19.9961, 4.75069, 34.6665, 30 Jul 2015, 23:14:40
19.9962, 4.75069, 34.6664, 30 Jul 2015, 23:14:46
19.9959, 4.75068, 34.6666, 30 Jul 2015, 23:14:52
19.9964, 4.75062, 34.6657, 30 Jul 2015, 23:14:58
19.9957, 4.74986, 34.6600, 30 Jul 2015, 23:15:04
19.9962, 4.75066, 34.6661, 30 Jul 2015, 23:15:10
19.9969, 4.75067, 34.6656, 30 Jul 2015, 23:15:16
19.9964, 4.75061, 34.6655, 30 Jul 2015, 23:15:22
19.9969, 4.75073, 34.6661, 30 Jul 2015, 23:15:28
19.9965, 4.75059, 34.6654, 30 Jul 2015, 23:15:34
19.9966, 4.75067, 34.6659, 30 Jul 2015, 23:15:40
19.9963, 4.75050, 34.6647, 30 Jul 2015, 23:15:46

Tethys:

0.59,20.01718,47.01839,34.2535*1B
0.60,20.01572,47.01654,34.2532*1D
0.58,20.02014,47.01871,34.2514*1D
0.59,20.01568,47.01716,34.2537*1E
0.59,20.01675,47.01730,34.2530*12
0.59,20.00754,47.01733,34.2605*17
0.60,20.01813,47.01573,34.2506*16

0.59,20.01620,47.01822,34.2542*1B
0.58,20.02096,47.01826,34.2503*13
0.58,20.02368,47.01897,34.2487*16
0.58,20.01691,47.01765,34.2531*18
0.60,20.01684,47.01604,34.2519*1B
0.60,20.01102,47.02584,34.2646*13
0.58,20.01468,47.01725,34.2546*18
0.59,20.01645,47.01843,34.2541*1C
0.59,20.01016,47.01780,34.2587*16
0.59,20.01776,47.01829,34.2530*17
0.60,20.01477,47.01627,34.2537*18
0.60,20.02182,47.01537,34.2473*17
0.58,20.01333,47.01531,34.2541*11
0.58,20.01474,47.01642,34.2539*1D
0.60,20.01434,47.01535,34.2533*1B
0.60,20.01511,47.01325,34.2510*1B
0.59,20.01410,47.01634,34.2543*12
0.59,20.01358,47.01583,34.2543*16
0.58,20.00412,47.01352,34.2602*13
0.59,20.01132,47.01341,34.2542*11
