12BHM04 Robbins Ocean Acidification [redacted]

June 29th - July 1st, 2012

Date	Time	Location	Bottle	°C Temperature	% Salt Salinity	Notes	Sampler
29 June 2012	11:25	outside skyway	01	27.6	3.32		JSW
29 June 2012	12:49		02	28.1	3.44		MRL JJK
29 June 2012	14:25 ~~12:25~~		03	29.1	2.71 likely inaccurate	inaccurate % salt? probe resting on glass?	MRL JJK
29 June 2012	15:46		04	~~29.44~~ 29.0	~~3.65~~ 3.65	Noticed may have been a problem reading probe. Salinity started @ 2.60 but after moving rose to 3.65	JJK
29 June 2012	17:05		05	29.1	3.62		MRL JJK
29 June 2012	1832		06	28.4	3.61		ML
29 June 2012	20:05		07	27.9	3.62		JK
29 June 2012	21:21		08	27.7	3.61		JK ML
29 June 2012	2234		09	27.5	3.60		JK ML
29 June 2012	23:54		10	27.8	3.60		JK ML
30 June 2012	01:21		11	27.6	3.61		JK ML

12BHM04 - ## 2012

6

Date	Time	Location	Bottle	°C Temperature	°/₀ Salt Salinity	Notes	Sampler
30 Jun 2012	02:58		12	27.5	3.60		lsw
30 June	04:40		13	27.1	3.63		lsw
30 June	06:20		14	28.1	3.62		lsw
30 June	ST24 cast 3 niskin #2	ST24	15	CTD	CTD	ST24 surface cast 3 from Niskin #2	lsw
30 June	11:32	past ST24 enroute to ST18	16	28.7	3.62		lsw
30 June 2012	1237		17	28.8	3.58		JK ML
30 June 2012	1334		18	29.3	3.60		JK
30 June 2012	1444		19	29.6	3.61		ML JK
30 June	ST18 cast 2 niskin #10	ST18	20	CTD	CTD	ST18 surface cast #2 niskin #10	lsw
30 June	17:34	past ST18 enroute to ST12	21	29.7	3.61		lsw
30 June 2012	18:46		22	29.4	3.59		JK

12BHM04 – ##

2012 Date	Time	Location	Bottle	°C Temperature	% Salt Salinity	Notes	Sampler
30 June 2012	20:32		23	28.6	3.62		JJK
30 Jun 2012	2156		24	28.3	3.63 ~~3.63~~		JK ML
30 June	ST12 #10	ST12	25	CTD	CTD	ST12 only one cast #10 Surface	lsw
~~30 June~~ 01 July	00:08	past ST12 enroute to ST06	26	27.3	3.63	01 July	lsw
01 July	01:06		27	27.6	3.63		lsw
01 July	02.58		28	27.1	3.68		JB KD
01 JULY	0443		29	27.5	3.64		KD
01 July	ST06 #10	ST06 Mskin #10	30	CTD	CTD	ST06 Surface #10	lsw
01 July	0754	past ST06 enroute to ST03	31	27.8	3.63		lsw
01 JUL 2012	0900		32	28.3	3.64		ML
01 July	ST03 #10	ST03 Surface #10	33	CTD	CTD	Mskin #10 ST03	lsw

12BHM04 - ##

Date	Time	Location	Bottle	°C Temperature	%Salt Salinity	Notes	Sampler
01 July	11:46	skyway in sight	34	28.0	3.52		JSW
01 July	13:08	b/t skyway and Egmont	35	28.2	3.41		JSW